App. F. IX-4

1949-50
(Eleel)

File No. 308-45

Previous References.

Serial Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44 and 45

Later References.

Eleel Dep 1312/56.

GENERAL AND REVENUE SECRETARIAT

Serial Nos. Forty four only.)

Part B for December 1949.

SUBJECT

Generation of Electric power by the Government of Madras near the Moyar River.

No EDS 2675/Eleel 308-45-45, Dated 17th December 1949.

To The Secretary to Government
Public Works Department,
Govt. of Madras, Madras.

States that the Govt. of Mysore desire that the joint gauging may be conducted etc.

Memo No EDS 2676-77 Dated 17th December 1949

To The Chief Electrical Engineer
" Chief Engineer for Irrigation
Copy to P. W. Branch.

Forwards a copy of the above for information

R. P. Padmanabhan 5/1/50

G.R.S. III—3]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

operation of excel ... by the cost of ... the proper river

... BANGALORE
Room No. 462
Date 21.9.1945

DEWAN'S OFFICE
21 SEP. 1945
NO. 1860

OFFICE OF THE MINISTER FOR PUBLIC WORKS
29 SEP 1945
No. 2562

DEWAN'S OFFICE
2 OCT. 1945
NO. 2179

1) Dewan) For perusal. The question will be further examined & a note putup with a draft to the Resy. KW/19 9/45.

2) Nil 23/9/45

3) Imm KW/24 9/45.

4) A draft letter to the Residency is put up for consideration. VD 26/9 Pa 26-9

5) Min P.W. + Dewan) Draft letter put up to the Resy. may be approved KW/28 9/45.

6) 29 9/45.

7) KW/2 10/45 10/10

8) This needs redrafting. The Secy may bring up in person

9) Dewan) A revised draft put up, may be approved 3/10/45

10) 4/10

11) 15 10/45

Min P.W.)

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

G.R.S. III—3]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

1) No. 891

2) [illegible] R.F 534-L=[illegible] dated the 21st instant under which the Secretary to the Hon'ble the Resident in Mysore [illegible]

3) Forwards a copy of letter No. 4364-E. 45-2 dated the 16th November 1945 received from the Govt. of Madras.

4) It is stated that the scheme as now contemplated will not be in any way prejudicial to the interests of the Mysore State and that the Govt. of Madras do not also contemplate any power development along the 16 mile stretch of the Hoyar river incorporated in the boundary line between Madras and Mysore. It is also stated that as far as is known at present, the Madras Govt. consider that no practicable and economic power or irrigation scheme is possible in that area.

5) Submitted for perusal.

23/11/45 6) It is advisable to consult C.E.I and C.E.E. before giving a reply.

23/11/45 (Secy) 23/11

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

7) Yes

27/11/45 27/11

G.R.S. III—3]

No 82/874

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

...ration of electric ... by the Govt. of Madras ... the Royal Rover 3

16) Submitted with two drafts for approval.

Secy) 17) 28/11

28/11 28/11/45.

18) Issue

29/11/45 29/11

Issued in MB. SDS. 1115 and 1116 dated 1st, December, 1945

Letter No 4155 dated the 3rd December 1945 from the Chief Electrical Engineer offers his views in the matter.

19) The L.R.O. is definitely of the opinion that the diversion of the water that flows into Mysore territory is an infringement of the rights of the Mysore State, and he therefore suggests that a discussion of the question with the Chief Engineer for Electricity, Madras, may be arranged in the chambers of the Minister for P.W.

20) The opinion of the Chief Engineer for Irrigation is still awaited.

5/12 5/12/45

Secy) 21) 8/12

22) Remind; Inf. is he concerned with this?

8/12/45 10/12

N. U. D.

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

4 generation of electric power in the Govt. of Madras near the Moyar River.

G.R.S. III—3] **Routine Notes.**

No. E-14

[To be used only for notes, requisitions, etc., not intended for permanent record.]

23). As ordered in para 15 the L.R. for Irrigation was consulted. His opinion in the matter might be useful in connection with the rights of each Govt. to share the waters of Moyar River.

24) The C.E.E. opines that half the power proposed to be generated legitimately belongs to the Govt. of Mysore, and he suggests that the C.E. for Electricity, Madras might be requested to personally discuss with the Minister, before the scheme is taken up. Hence we might invite him for a discussion when the C.E.I. and C.E.E. also may be present. By the time this meeting is arranged for, the opinion of the C.E.I. will be also got ready Secy) 12/5

(A)

25) Letter from the Revn & the C.E.E's views thereon W/r/t the sharing of waters equally of the Moyar river, are for perusal. As per suggestion of the C.E.E. as explained at (A), the C.E.E. Madras may be requested to personally discuss this question with the Min'r P.W when C.E.E. may be present.

Min'r P.W. + Dewan) KW 14/12

N.B.—Should routine notes be written on small slips, the note must be copied, or slips pasted on this form.

OFFICE OF THE MINISTER FOR PUBLIC WORKS
15 DEC. 1945
4405

. F. 74.] 4405

Routine Notes.

WD 07111—GPB—50,000—29-7-44

[To be used only for notes, requisitions, etc., not intended for permanent record.]

26) I would like to speak to the C.E.E. in this matter.

C.E.E. / W/C) KW 17/12/45. 27)

28) A draft letter to the C.E.E. is put up for approval.

HD 17/12 KW 17/12/45.

Secy) 29) 18/12

30) Done KW 19/12/45 20/12

2625

31) The C.E.E. explained to me with reference to the speech how Mysore is entitled to half the power to be generated by Madras Govt. as suggested by him the C.E.E. for Electricity Madras may be requested to personally discuss this matter with me when the C.E.E. also will be present.

Dewan) KW 27/12/45. 32)

33) Done 26/12/45

34) KW 2/1/46

SEN... DEC 1945

3763

N.B.— *Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.*

C. F. 74.]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

35) A draft letter to the Residency is put up for approval.

Sd/- 36) 21/1

37) Done

KM 3/2/46.

21/1/46.

Issued in SRO BDS-1342-43 dated 4th Jan 1943.

Sd/-

21/1/46

4/1/46

Letter No. RF-534-45/Pol. dated the 26th January 1946 from the Secretary to the Hon'ble the Resident in Mysore states that the Govt. of Madras have intimated that that their Ex. will not be able to come to Bangalore this month and that arrangements to come sometime later.

38) Further communication is promised to be sent in due course. Submitted for perusal. (Repre. Para 31)

29/1/46. 39) Further communication may be awaited. 40) copy to C.E.B.

Sd/- 30/1 KM 30/1/46

copy sent to the C.E.B. on 31/1/46

Min P.W. 41) For perusal.

KM 30/1/46 42) 31/1

43) KM 2/2/46

OFFICE OF THE ... PUBLIC WORKS ... 1943 5617

44) Further communication will be awaited.

21/2/46 45) Sd/- 31/2

46) Yes KM 5/2/46 31/2

N.B.— Should routing notes be written on small slips, the notes must be copied, or slips pasted on this form.

C. F. 74.]

Routine Notes.

WD 07111—GPB—50,000—29-7-44

[To be used only for notes, requisitions, etc., not intended for permanent record.]

47) The Residency have also requested for accommodation being made for the Chief Engineer at Bangalore during his stay here. Submitted for orders.

48) It is not clear from the P.W.D. whether the Chief Engineer of Madras Electricity Deptt. has to be treated as State Guest. Only accommodation has been asked for.

5/4/46

P.W. 5/4/46

Secretary & Minister P.W.

49) In terms of Personal letter from Presidency.

5/4

50) I shall be glad to meet the Chief Engineer of Madras Electricity Department at 3 P.M. on Thursday the 11th inst. in my Chamber.

N.B.— *Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.*

C. F. 74.]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

The C. E. E. will also be present at the meeting.

51) It is desirable that the Chief Engineer should be treated as a State guest. It is through his good offices, I am told, the Ajmer Electric Factory have been able to secure good orders for — transformers.

5-4-46

Dewan

OFFICE OF THE MINISTER FOR PUBLIC WORKS
5 APR. 1946
No. 7465

DEWAN'S OFFICE
5 APR. 1946
NO 6144

through the Chief Secy

52) WO 5/4/46

5/4/46

53) WM 7/4/46.

54) Draft Hqrs. of a letter to Residency are put up for approval.

Secy) 55) 8/4

8/4/46.

56) Done 8/4/46

Secy) 8/4/46

N.B — Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

Issued in No. EDS 2286-91 dated 9th April, 1940.

C. F. 74.]

9

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

OFFICE OF THE MINISTER FOR PUBLIC WORKS
13 APR 1946
7719

DEWAN'S OFFICE
17. APR. 1946
NO. 6426

57) Draft letter
A draft to the Resr reg. the meeting with the Madras C.R.E. on 11/4/46 in the P.W.M's Chambers and the informations agreed to be supplied by Madras as well as the establishment of a joint gauging Stn for two years, is put up for approval:

Minr P.W. & Dewan) Kw 12/4/46

Kw 13/4/46.

Kw 16/4/46

16/4

The draft seems to imply that if the quantity of water utilised by Madras is less than one half of the natural flow, we will raise no objection. That is not the attitude we should adopt. We are entitled to ask that the flow should be maintained without any diminution whatever in the entire reach of the river that forms

A

N.B.— *Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.*

Generating electric power
in the Mysore Cauvery
falls by Sir M. Visvesvaraya

C. F. 74.]

Routine Notes.

WD 07111—GPB—50,000—29-7-44

[To be used only for notes, requisitions, etc., not intended for permanent record.]

the boundary between Mysore and Madras. Letter is silent about. We claim ~~in connection~~ ~~from any concession~~ and upon what consideration is a matter to be examined + negotiated later. The contentions ~~made~~ of the legal position as mentioned in the letter may please be noted by the Law Dept

2814/Feb.

(61)

Submitted.

Our C.E.E. has touched the point viz. the half-to-half sharing of the waters in but this is only in the confidential letter to Govt. The C.E.E. Madras, however, referred to the point that they are not going to utilise at Mysore's scheme more than ½ the total flow. This has not been agreed to by us but we wanted to know what exactly is the total flow at the Madras Boundary + what is the quantity which is going to be diverted by them now. I think the inflow statistics may be first obtained by us. And then we can raise the question of our claim to share for half or whole later. The draft to the Govt may in the meanwhile we shall obtain the views of our Legal Dept on the legal position, as mentioned above.

OFFICE OF THE MINISTER FOR PUBLIC WORKS
22 APR 1946
7897

N.B.— *Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.*

Min + Dewan 22/4/46

Generation of Electric power by the Govt. of Madras near the Moyar River 2550/Law

. F. 74.] 1828

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

In the light of the orders of the Govt. the draft letter to the Residency requires modification. A modified draft may be put up for approval.

24-4-46

(63)

Law secy
wlc

Favr of views reg. the points referred to in the Minutes dated 20/4/46 on the previous page.

24/4/46.

(64)

To the ext. of my recollection the ex-chief Justice of Nagpur, Sir D'Arcy Reilly wrote to the Govt. of Madras (during the latter part of 1934) explaining the legal position in regard to the sharing of the Tungabadra Water. That file may kindly be put up.

Addl. Secy P.W.
wlc

25/4

25/4

N.B.— Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

1328

2558/Law.

12

submitted.

65) If approved, the administration section will be requested to supply furnish the products in distribution of water (Tungabhadra project, Ongole) and the connection if any relating to the project submitted for admn.

WWH
16.4.46.

RL 27/4 Furnish.

KW/30/4/46 RK 30/4

P. W. SECRETARIAT.
5590
Date 1/5/46

67) If approved the P.W. Secty will be requested to put up the papers referred to above as required by the Law Dept.

VD 3/5/46. Asst Secy P.W. w/c. RL 4/5

RK 3/5/46

RL 7/5

68) The elec Secty file regarding Irwin sandrain Royalty is returned. The opinion of the

P.W. Chief Justice Sir O. A. Reilly is not traceable in the file of the P.W. Secty. It was in the CE's Office then and the same will have to be obtained from that Office.

3443 Law

1828 Elect.

(A)

Asst Secy Elec Secty with compts

70) 22/5

55'04 19-6-46.

71) 22/5

(A) may be done. 23/6

P.A. to C.E. Irrigation w/c.

24/5

No 3527/S 2 files 19-6-46

72) Returned, with compliments.

2. The papers are not available in this office.

Secretary to Govt., P.W. Department. Elect Depts 19/6/46

21/6 22/6

The P.W. Secty and the Chief Engineer's office have stated that the papers are not available. The file will now be sent to the Law Secretariat.

73 Secy) 22/6

22/6 22/6

Law Secy w/c) 22/6

24 JUN 24/6

24/6

The Scheme as envisaged by the Madras Government contemplates the erection of a power plant on the Madras side of the Moyar river, about five miles from the point where the boundary line first meets the river, utilising the tail water from the Pykara Plant (which hitherto was allowed to join the Moyar river again).

(5) The question for consideration is whether, irrespective of the quantity of the water proposed to be utilised by Madras (which is said to be less than one-half), the Government of Mysore are entitled to ask that the flow should be maintained without any dimunition whatever in the entire reach of the river that forms the boundary between Mysore and Madras.

(6) "All riparian proprietors (which term is usually applied to all those who have the occupation or ownership of lands abutting on running streams or rivers) have certain natural rights in natural streams or rivers flowing past their lands.

(7) In natural streams flowing past his land each riparian proprietor has certain natural rights. These rights are not rights of ownership in the water, but rights to the usufruct of the water.

(8) They do not depend upon a grant or upon the ownership of the soil of the stream, but are jure naturae incident to the ownership of the soil of the land abutting upon the stream.

(9) Thus it has been said that natural watercourses are like ways of necessity." (Vide Peacock's Law of Easements, Page 263).

"These natural rights may be described as the right of every riparian proprietor to use the water which flows

past his land equally with the other proprietors, to have the water come to him undiminished in flow, quantity and quality, and unaffected in temperature and to go from him without obstruction." (Pollock on Easements, page 106).

(ii) A riparian owner is entitled to the flow of water without interruption caused by the upper proprietor. He has a legal right to have the water of the stream transmitted to him continuously and without interruption and without any substantial diminution in volume, his right being only subject to the qualification that the upper proprietor may, for legitimate purposes, withdraw from the stream so much of its water as will not materially affect its downward flow or impair the use of it. (Debi Prasad V. Joynath - 24 IA-60 : 24 Cal.865).

(iii) The question as to what quantity of water can be abstracted and used without infringing that essential condition must in all cases be a question of circumstances depending mainly upon the size of the stream and the proportion which the water ~~tank~~ taken bears to its entire volume. Subject to the adverse right (by prescription) of diverting water from its accustomed course and thus diminish the quantity which would otherwise descend to the proprietor below, every owner has a right to have the advantage of a flow of water in his own land without dimunition or alteration, though, however, there cannot be an exclusive right to all the water of a running stream.

89 In the present case the Government of Mysore are entitled to ask that the water of the river be transmitted to them continuously and without interruption and without any dimunition in volume in the entire reach of the river incorporated in the

34 Law

boundary line between Madras and Mysore. This right is in addition and independent of the right to use one-half of the natural stream flow in the river.

Law Secy) 4/7

861

The points for consideration would be what are the water rights of the Government of Mysore with reference to the Moyar river since the Madras Government is contemplating the erection of a power plant within its borders and whether the Government of Mysore can as a matter of right demand that the flow of water along the river should be maintained without any diminution. A river is a natural stream and the question is whether as between two Governments the same natural rights as would obtain between riparian proprietors would prevail and what, if any, would in the contemplation of law be the rights in such circumstances. Now, if a power plant is to be erected it will involve an extraordinary use of water and it has to be seen what are the requisites of a valid extraordinary use of water. According to Peacock in his law relating to Easements in British India at page 276, although it is well established both in England and India that a riparian proprietor may take and use the water flowing past his land for purposes of benefit and utility to the riparian estate, such as ordinarily irrigation and manufacture, such user is subject to the condition that it does not inflict any sensible injury on the other riparian proprietors or interfere with the lawful use of the water by them (Compare 23 Bom. 506, 24 Ind.App.60, 7 Bom.209 and 35 Cal.851). Peacock adds that this condition if amplified would include the following

restrictions viz., the user must be reasonable and the water which is taken and used must be restored substantially undiminished in volume and unchanged in character. That is reasonable user is, is according to him, determinable by the particular circumstances of each case, the extent of the estate and the nature and purpose of the user. Baron Parke in Embrey v. Owen (6 Exch. page 372) lays the principle that a user should not cause a serious diminution of the quantity of water ~~and~~ which involves no other loss to the actual stream. So also in Perumal v. Ramasami (11 Mad.16) it was decided that riparian proprietors are entitled to use and consume the water of the stream which adjoins their land ~~adjoins~~ for household or irrigation purposes or even for purposes of manufacture subject to the conditions (a) that the use is reasonable (b) that it is required for their purposes as owners of the land and (c) that it does not destroy or render useless or materially diminish or affect the application of the water by the lower riparian proprietors in the exercise of their rights. In Debi Pershad Singh v. Joynath Sing (24 Cal. 874) the Privy Council held that the appellants' claim was neither more nor less than a right on the part of an upper proprietor to dam back a river running through his land and to impound as much of its water as he may find convenient for the purposes of irrigation leaving only the surplus, if any, for the use of the proprietors below and in the absance of a right acquired by contract with the lower heritors or by prescriptive use the law concedes no such right.

27) The right of every riparian owner is stated by Lord Hailsham in his Laws of England, Vol. 33, Second Edition, at page as not to depend on prescription, grant or acquiescence of the riparian owner above but arises ex jure naturae as an incident of the land through which the water passes, and flowing water is publici juris and

Serial No.

and that any use of water for extraordinary purposes may be done provided that by so doing the party does not interfere with the rights of other riparian owners above or below him. He must so use and apply the water as to work no material injury or annoyance to the riparian owners of the river below.

89) Farnham in his book on Waters and Water Rights, Vol.I, page 29 expresses the law on the subject of water rights as between two Governments while dealing with the questions relating to international and inter-state rivers. He expresses that a river which flows through the territory of several states or nations is their common property. Neither nation or state can do any act which will deprive the other of the benefits of those rights and advantages. The inherent right of a nation to protect itself and its territory would justify the one lower down the stream in preventing by force the one further up from turning the river out of its course or in consuming so much of the water for purposes of its own as to deprive the former of its benefit. The upper owner would have a right to prevent an obstruction of the stream which would interfere with its rights. The gifts of nature are for the benefit of mankind and no aggregation of men can assert and exercise such rights and ownership of them as will deprive others having equal rights and means of enjoying them of such enjoyment. The acts of nations must be governed by principles of right and justice. No changes in the river can be effected which will injure

NOTE—Contn. Sheet.

1828/64 Scheme for generation of electric power from the Mayar River

File No. Elec 308 of 1945.

General and Revenue Secretariat

Serial No.

property or rights in another state. In the case of boundary river i.e. the river which forms the boundary between two states or nations, the title to each is presumed to extend to the middle of the main channel of the stream. The uses of a boundary stream are such that it must of necessity be common to the owners of both shores and equal right to use the stream is accorded to both and each state must regulate the exercise of its rights so as not to interfere with those of the opposite side of the stream. ~~Any rights~~ would rest on some principles as ~~it~~ prevailed in the case of riparian owners ~~under law~~ and be governed by the restrictive conditions mentioned above.

For all these reasons, I consider that the Government has a right to claim an uninterrupted, undiminished and continuous flow of water along the river in question apart from its other rights of user.

Sup Exec Engr
M/C

9) The Madras Govt Mr. KW
The Resy will be replies to as per
the principles enunciated above by the
Law Secy. A draft in consultation with
9) the C.E.E & C.E.P. will be put up
for approval

Min P.W & Dewan KW/26/7/46. 9) KW. 28/7/46.
KW/30/7/46

OFFICE OF THE MINISTER FOR PUBLIC WORKS
27 JUL 1946
795

DEWAN'S OFF
30 JUL 1946
NO 809

Scheme for generation of power from the Mayer series

General and Revenue Secretariat | File No. 308 of 1946 - [App. F. III-2

Serial No.

64
Elect

93) Discussed with the C.E.E., El. Secy & Law Secy. He consulted him with them a couple of sentences have been added in the draft, which may issue after perusal by the Minister.

94) Draft as approved by the Dewan is submitted
6/8/46.

95) May issue.
8/8/46.

96) KW 14/8/46.

97) Issue
KW 14/8/46.

OFFICE OF THE MINISTER FOR PUBLIC WORKS
8 AUG. 1946
No. 1151

I served in WD. EDS 434/Elect 308-45-15 dated 15th August 1946. To the Secretary to the Hon'ble the Resident in Mysore, requesting him to address the Madras Govt, conveying the information supplied and to intimate their agreement.

Copies to C.E.E and C.E.I in WS EDS 446 and 447 dt 17-8-1946.

EDS)
17/8 KW

NOTE—Contn. Sheet.

Generation of Electric Power by the
21 Madras Govt near the Periyar
river.

File No. 308 of 194 S.. | General and Revenue Secretariat

Serial No.

98) A draft reminder letter to the Secretary to the Hon'ble the Resident is put up for approval

64/852 Elect.

28/10 29/10 Secy) 99) 29/10

100) Inner Draft approved by Secy

1/11

Issued vide E.O.S. 1140 dt 4-11-'46 to the Residency. Requested to intimate the stage of the question.

Letter No. R-F-536-45/Pol. dated the 12th November 1946 from the Secretary to the Hon'ble the Resident in Mysore.

states that the Govt. of Madras have been addressed and their reply is awaited

101) Further Communication from the Residency will be awaited

13/11 13/11 Secy) 14/11

RK. 14.XI.46

15/11 15/11

15/11

102) A draft reminder letter to the Residency is put up for approval

16/12 16/12

103) Issue

RK 17/1

[illegible] dt 17.2.DS 1681

generation of electric power by the Govt of Madras near the Moyar river

104) The letter of the Residency dated 21.1.47 forwarding a copy of letter dated 9.1.47 from the Madras P.W.D. Secy. is submitted.

1346

105) The Madras Govt. Contends that in as much as the flow proposed to be diverted for utilization at the Moyar Power House is derived from a catchment of only 4.2 Sq. miles whereas the flow in the common reach is derived from 1½ Sq. miles, the proposed diversion would be less than ½ the flow in the common reach. They are also of the opinion that the topography of the country is such that no irrigation or Power Project is possible in this area, and for these reasons consider that no useful purpose would be served by establishing a joint gauging Station.

OFFICE OF THE MINISTER FOR AGRICULTURE AND PUBLIC WORKS
22 JAN. 1947
No. 5264

106) There seems to be much force in this reasoning.

107) A copy of Madras Govt's letter may be sent to the C.E.E. for his remarks.

A./ Secy. (Irrig. P.W.)

R.L. 22/1/47

B/ 22/1

108) A. Approved

L. 26/1/47.

R.L. 27/1/47

B/ 27/1

109) A draft letter to the G. & S. is put up for approval.

A/ 28/1 Secy) B/ 28/1

110) B/ 28/1

111) Issue

R.L. 29.1.47 B/ 29/1

23

[illegible]

[illegible] No. E.S. 2002 / 23.1.47
to the Chief Engr.
forwarding [illegible]
letter No. 2970 E/46-6 dt 9-1-47
from the Madras Govt. for his
remarks.

(Sd/-) 3/2

Letter No. 23608 dated the 14th February 1947 from the Chief Electrical Engineer.

Offers his views in the matter.

1) With regard to the infringement of the irrigation rights from the river, which forms the border between Mysore and Madras, the S.E.S. states that the matter may be referred to the Chief Engineer for Irrigation, as he had deputed the Superintending Engineer, Irrigation Circle to visit the place. The papers will now be sent to the Chief Engineer for Irrigation for favour of his views in the matter.

2) The CE's views may be obtained before further consideration of the matter.

20/3/47

(Sd/-) 17/2

Serial No.

114) A copy of Madras Govt's letter may be sent to the C.E.I. also, for favour of his views. A letter may be addressed to him.

RR. 22.2.47

Note 22/2/47

115) A draft letter to the C.E.I. is put up for approval.

116) Issue

Note 22/2

Note 22/2/47

117) Issue as corrected

RR. 24/2

Issued vide E.D.S. 3106 dt. 27-2-47

To the C.E. for information. Request to furnish his views on the matter early.

G.O. letter No. 433 dated the 13th March 1947 from the Chief Engineer for Irrigation

States that in the absence of the file it is not possible to offer his views.

118) Secretary's orders:-

The entire file may be put up early.

Sd. R.R. 13/3

119) The entire file is put up for orders.

120) The file may be sent to CEI for perusal and return.

Sd/ 14/3 Thu

Note 15/3/47

Sd/ 17/3 Mon

NOTE– Contn. Sheet

Serial No.

121) Forwarded w/c to the C.E., Irrigation, This has reference to his D.O. no. 433 d 13th March '47

U.O. 2088/S/5/4/47 - Encl 12th R.Ramakrishnan. 17.3.47.

Rec'd 18.3.47

Remarks by Engineer

122) The Government of Madras have offered to supply us with the available Statistics regarding flow in the River at the diversion weir before and after the Construction of the Mukurthi Reservoir and inflow into the Reservoir. This may be obtained by an examination to decided whether the gauging fee would still be necessary. The final step may be deferred till after such examination is done.

123) Reference is invited to my letter no. 537/S dated 8th July 1946 on the file. A Copy of Irrigation Circle Supdt. Engineer's letter together with the report is enclosed for information as desired. A Copy of the ferro print referred to in the report is on the file.

T. Narasimhan
Chief Engineer for Irrigation

123) As the C.E.I. has suggested that we may obtain from the Govt. of Madras Statistics regard the flow in the river at the diversion weir before and after the construction of the Mukurthi Reservoir and

4157
18.4.47

Serial No.

.M23/ref

the inflow into the reservoir, we may call for these particulars from the Madras Govt. in the first instance.

'A' 124) It has however, to be pointed out in this connection that in their letter No. 3970 E/46-6 d. 9th January 47, they have stated in para (2) that "in the meantime the Madras Govt. propose to proceed with the Mayar Construction works as they are already in progress." This seems to amount to a unilateral decision and action without the previous consent of a neighbouring Govt. that is also concerned in this matter. It would perhaps be necessary to assert our right of previous consultation and concurrence which should have been sought by the Govt. of Madras, and to express Mysore Govt's dis-satisfaction in the matter.

Min. Rev. & Dewan through Law Secy. RR 11/4/47

11 APR 1947

11/4

OFFICE OF THE MINISTER FOR AGRICULTURE AND PUBLIC WORKS 15 APR 1947

6806 12 APR 1947

125) Where negotiations are still in progress, the impression ought to have been conveyed before taking up the work. The Madras Govt. cannot ignore our rights (whatever they may be) and proceed with the work.

126) Law Secy) RR 15/4 12/4 15/4

NOTE--Contn. Sheet

15/4 MS 15/4/47

Generation of Electric Energy by the 1st Cauvery Scheme (1st Stage) (Contd.)

File No. 308 —— of 1945 | General and Revenue Secretariat

Serial No.

127) I think it is necessary to intimate Govt. of Madras that they may not take up the work till a final decision is arrived at regarding the respective rights of the two Govts.

7523

CHIEF ENGINEER MINISTER FOR AGRICULTURE AND PUBLIC WORKS
1947
7922

Dy. 16/4/47.

Dewan).

128) ARM 18/4

129) Dy. 21/4/47.

130) A draft letter to the Residency is put up for approval.

RR 23/4

KRC 21.4.47

24/4

131) KRC 21/4/47

Secy (Under orders on the above letter)

Issued in letter No. EDS 3852-4/Elec/308-45-21 dated 8th May 1947 to:-

The Secretary to the Madras Government

Copy to C.E.E. & C.E.S.

Requests that necessary intimation may be sent to the Madras Govt. not to take up the work further until a final decision is arrived at regarding the respective rights of the two Govts.

File No. 1723/227/48 of 1948.

Serial No.

Letter No. RF. 536-45/1 dated the 14th May 1947 from the Secretary to the Hon'ble the Resident in Mysore to the Secretary P.W.D., Govt. of India forwards a copy of the letter

136) Submitted for perusal

137) The receipt of a reply will be awaited till the end of June 1947 and the Govt of Madras reminded thereafter

138) yes

Secy) 20/5/47

139) R.R. 25/5

Note 26.5.47

Letter No. 3970-E./46-1 dated the 9th September 1947 from the Secy to G. of I. P.W.D., Govt of Madras

States that the information called for will be furnished shortly and that no rights of the Govt of Madras will be ignored

140) The Govt. of Madras have also requested for the objections which the Govt. of Mysore have in the matter submitted for orders.

19/9 141) It would be desirable to obtain the opinion of the Chief Engineer Irrigation and the Chief Electrical Engineer before replying the Govt of Madras

NOTE- Contn. Sheet

142) The C E 9 and C. E. E may be consulted in regard to Govt. of Madras' request for objections of Govt of Mysore.

for

21 9. 47

Secy

143) Madras Govt's. letter no. 3970 E/46-9 dated 9th Sept. '47 is for favour of perusal.

It is seen from the last para of CBI's letter no. 23608 d 14th Feb. '47, that there can be no objection to the diversion of water ~~from~~ by the Govt. of Madras, provided that such diversion is not in excess of half the natural flow of the river. The Govt. of Madras have contended in their letter dated 9th January '47 that the flow utilized by them is derived from 42 sq. miles of catchment area whereas the flow in the common reach is derived from 172 sq. miles and the diminution of flow in the common reach due to diversion will be less than 1/2 the Mayar flow. If that is so, there can be no objection, but to verify it, it is necessary to obtain data of the rainfall in these catchment areas, and the flow before and after the construction of the Mukurthi reservoir. If approved, the Govt. of Madras will be

P)

A.

518 Elect

Electricity – Generation of Electric Power by Govt. of Madras near Moyar River

App. F. III-2

General and Revenue Secretariat

File No. 308 of 1945

Serial No.

B/

OFFICE OF THE MINISTER FOR AGRICULTURE AND PUBLIC WORKS
22 SEP 1947
NO. 2370

Requested to furnish these particulars.

144) The C.E. & C.E. may be requested to offer their further views, if any, on the letter now received from the Govt. of Madras.

(Min. Rep.) 145) A.t.B. Approved

RR. 22/9.

23/9/47.

RR. 23/9

kmc 23.9.47

146) Two drafts are put up for approval.

24/9/47

147) kmc 24.9.1947

Seen

148) Issue.

RR. 25.9.47

kmc 25.9.47

Letter no 919/El.308-45-24 dated 27th Sept 1947

To

The Secretary to Govt of India
Finance Dept
New Delhi.

Madras.
P.W.D.,
Madras.

RR. (18.X.47)

Requests to furnish as soon as possible the particulars required in para 2 of this office letter no 3852/El dt 8/5/47 & other particulars referred to in his letter no 3970-E-/46-6 dated 9/1/47.

Letter no 920/El.308-45-24 dated 27/9/47

To

The C.E.E.

Forwards, for favour of his views, a Copy of the letter no 3970/E-45-9 dt 9/9/47 from [illegible]

NOTE – Contn. Sheet

Serial No.

to the Govt of Madras, P.W.D. Madras. The Govt of India have also been requested to furnish the particulars called for in the office note No 5252/46 Rpg 5/7/47

Memo No. 2921/32 dated 27/9/47

To

C.E. for Irrigation in Mysore, & the Secy. to Govt. P.W.D. Madras.

149) Submitted. The views of the C.E.I. will be awaited. A reply from the Govt of Madras is also due

5/10 AO 8/10.

150) Both C.E.I and Govt. of Madras may perhaps be reminded.

Rpr
13.10.1947

Seen

151) The C.E.I. may be reminded now, and the Secy. P.W.D., Madras, a fortnight later.

152) The diarist will see me.

Rpl.
(Illegible)

153) A Reminder to the C.E.I is put up for approval

BP 21/10. Done (illegible) 21/10/47

generation of electric power by the Govt of Madras near the Mayar River

37

Continuation Sheet. File No. Elec^{l}/45 / Current No. of Page.

Letter No. 3970-E./46-11 dated the 16th October 1947 from the Secretary to Govt., P.W.D., Govt. Of Madras.

Forwards a statement showing the monthly run off of the Pykara river at the Diversion weir for the last 5 years preceding the completion of the Mukurthi dam and for the years following upto April 1947.

155) The Govt. Of Madras promise to furnish particulars of rainfall in the catchment area. Submitted for perusal and orders.

156) The receipt of a reply from the Chief Engineer Irrigation who was requested on 31/10/47 will also be awaited

157) The information received from Madras Govt. may perhaps be passed on to C.E.G and C.E.E.

Sec^{y} 1.11.1947

158) (A) May be done at once.

R.R. 13-11-47

Memo No EOS 1320/Elec^{l} 308-45-28 dated 15th Nov. 1947

To The Chief Electrical Engineer

Forwards a Copy of letter & its enclosures (in original) received from the Secretary, P.W.D., Madras for information.

Memo No. EOS-1321/Dy. 1571/47

To The Chief Engineer for Irrig^{n} & Em

Forwards the above for information

Secy 17/11

Generation of Electric Power by the Govt. of Madras near Moyar River

33

Continuation Sheet. File No. [redacted]/45 Current No. 5/108 of 46 Page.

Letter No. 17846 dated the 15th December 1947 from the Chief Electrical Engineer.

Offers his remarks in the matter.

159) The Chief Engineer for Irrigation has also concurred in with the views expressed in the ltr. The ltr. will be requested to return the enclosure. A draft letter is put up for approval.

11/12 AO 12/12/47

160) Rec 12.12.47

Secy!

161) This may be done. RR 13/12

162) RR. 13/12

Rec 13.12.47

Letter No EDS 1639/Elect 308-45-30 dated 15th December 1947

Re - E&E

Requests to return the enclosures which was forwarded to his in EDS No. 1320/Elect 308-45-28 dt. 15/11/1947

Letter No. 18533 dated the 16th December 1947 from the Chief Electrical Engineer.

Returns the enclosures.

163) Submitted for orders.

164) The opinion of the Chief Electrical Engineer as agreed to the Chief Engineer of Irrigation is to be sent in his letter of the 16th October 1947, the secretary to Govt of Madras stated that a further communication will be made regarding the rainfall in the catchment areas

19/12 AO

P. UO

Serial No.

but no reply has been received from him till now
It is for orders whether the information about the rainfall in the catchment areas is necessary for consideration of the question before giving a final reply to the Govt of Madras

19/12/47 — 19.12.47

Secy

165) There is no particular hurry to give our consent to the Govt. of Madras on this matter. They may be reminded about the particulars of rainfall in the catchment areas referred to in the previous corresp., after receipt of which this may be disposed of.

RR. 26/12/47

27.12.47

166) Draft letter to the Govt of Madras is submitted for approval

27/12/47

167) Issue.

RR. 5/1/48

Letter no E.D.S. 1768/Elec 308-45-[redacted], dated 6th January 1948

The Secretary to Government of Madras
Public Works Department, Madras.

Requests to furnish particulars of rainfall in the catchment areas as promised in para (2) of his letter under acknowledgement.

Letter No. 3970/46-15 dated the 13th January 1948 from P.W. Secretary Govt. of Madras:

States that the particulars have been called for from the

NOTE—Contn. Sheet.

35 Generation of electricity by the Govt. of Madras near the Moyar River.

File No. 308 of 1945 General and Revenue Secretariat

Serial No.

Chief Engineer for Electricity, Madras.

168) Submitted for perusal.

169) May be recorded

RDC
21.1.48

Sus 1)

Letter No. 3970 E./46-19 dated the 8th May 1948 from the Secretary, P.W.D.

Forwards the statements showing the rainfall for Mukurthi and Pykara basins from 1938 to 1947 and a blue print showing the location of the Rainfall stations

170) The statements & the blue print will be sent to the Chief Engineer for Irrigation for his views.

171) HPS 7/6/48

Secy Elec.)

172) ~~C.O. No. 43/Block 2/126-48 Chief Engineer for Irrigation~~ yes

Copy

Hon 8/6/48

HPS 11/6/48

173) A draft letter to the C.E.D. is put up for approval.

174) Issue
RDC
21.6.48

2991

36

Generation & Electric power by Government of Madras near Moyar River.

2991 ✓ 1208 EDS 4317/Elect 308-45-33 D/22-6-48.
to the Chief Engineer for Irrigation

Forwards the statements showing the monthly rainfall for Mukurthi Pykara basins from 1938 to 1947 and a Blue print and requests to despatch early endorsing his views.

EDS A/c 3/6

1) D.O. Remr. No EDS 758 dated 1-9-48 to C.E.I calling for his views immediately

Letter No. 698/S. dated the 6th October 1948 from the Chief Engineer for Irrigation offers his views in the matter

175) The Chief Engineer is definitely of the opinion that gaugings of the river discharges may have to be conducted to determine the flow at the boundary point.

176) It may be pointed that no reply has yet been sent to the Govt. of Madras based on the letter of the CE dated 10th December 1947.

177) The Chief Engineer has not returned the enclosures forwarded to him. A draft letter calling for the same is put up for approval or other orders.

(A) 178) (A) May be done. OM 25/10
11/24/10 A. Secretary 179) Issue [illegible] OM 25/10

37 NOB Dr 1587/Elect 308-45-35 dt 5/11/48

To

The Chief Engineer for Irrigation
Bangalore

1205/1432

Requests to return the enclosures forwarded with this office letter NOB Dr 4317/Elect 308-45-38 dt 22/6/48 to enable further action in the matter

---

Letter No. 885/S dated the 11th November 1948 from the Chief Engineer for Irrigation

Returns the enclosures forwarded to him for Opinion.

---

180) The Chief Engineer is of the opinion that the run off statistics furnished by the Govt. of Madras will not give clear indication of the quantity flowing at the boundary and the flow diverted and that under these circumstances it is felt that gaugings may have to be conducted to determine the flow at the boundary point.

181) Submitted for orders.

182) The Govt of Madras have not yet been addressed, based on the letter of the CEE dated 10-12-48

11/16/11

El Secretary

183) [illegible] 17/11

184) A draft ~~reply~~ Communication to the Madras Govt. may be put up on the lines of the C.E.E's and the C.E.'s reports

23.11.48

[illegible] 23/11

Generation of Electric Power near Mettur Dam 38

Serial No.

185) A draft letter is put up for consideration

186) It is submitted that there is a separate proposal to invite the Prime Minister & other ministers of the Govt of India for a discussion on the question of development of Hydro Electric power in Mysore and Madras. The file may perhaps be laid before the Minister & Dewan for consideration of the draft reply put up

27/11

El. Secretary

187) Dom 10/12

188) re A For perusal and approval to draft.

Min for Law & Labour
Min for Rev & P.W
Chief Minister
&
Dewan

189) Hms 11.12.48 KSR 13/12 Dom 13/12

190) Hms 20/12

191) KCd 24/12

192) It may be ascertained whether this matter was discussed in the recent talks at ministerial level.

KCd 25/3

Hms 22/12/48 Dom 28/

Hms 28/3/49 Dom 28/3

193) This question was not discussed at the recent Conference held with the Representatives of the Govt of Madras. The main question discussed was the generation of power at Mekadatu and allotment of power to them

Office of the Minister for Law & Labour
No. 3084
Dated 13/12

OFFICE OF THE MINISTER FOR REVENUE & PUBLIC WORKS
No. 4935
Dated 14/12/48

Office of the Chief Minister
No. 4014
Date 23.12.48

DEWAN'S OFFICE
25 DEC 1948
3086

[This file was received from the Dewan's office on 1.3.49, along with other Tamil files.]

dk 23/3/49

NOTE—Contn. Sheet.

39

File No. 1432 Generation of power near Mayar River. of 194 .

General and Revenue Secretariat

Serial No.

Office of the Minister for Law & Labour
No. 6401
Date 31/3

Office of the Chief Minister
No. 6654
Date of Receipt 2/4/49
Date of Return 4/4

Submitted for orders whether the file may be submitted to the Minister for Law Labour also.

28/3/49

194) The file may be submitted to the Minister for Law & Labour
Cl. Secy)
Om 29/3

Min for Law & Labour)
Hon 31.3.49
Om 31/3

195) This was not discussed. The draft letter may be issued at once
R.S.B 31/3

196) For perusal before issue of draft. Refer Chief Ministers minute para 192.
Chief Minister & Dewan)
Hon 1.4.49
Om 1/4

197) K.R.R 2/4

198) Issue
Hon 4.4.49
Om 4/4

No. EDS 3727/Elect 308-45-37 6th April 49
To The Secretary to Government
P.W.D.
Fort St. George
Madras.

1432 Elect

Serial No.

Request that arrangements be made for the gauging of the flow of Water at the boundary point, by the Governments of Madras and Mysore, to enable the Mysore Govt to arrive at a satisfactory solution Regarding the generation of Electric power near Mayar River.

Memo No: EDS 3728/39/Elect. 308-46-37 Dated 26th April 49.

To The C.E.E.
" C.E. Irrigation

Forwards Copies of the above for information.

199) Now that the Govt. of Madras have not yet replied to our letter of 6/4/49, it is for orders whether they may be reminded now.

9/5/49 200) May be reminded

C. Secy) 201) Issue 6/5
6.5.49

202) A draft reminder is put up for approval.

9/5/49 203) 9/5

C Secy) 204) Issue
9.5.49

NOTE—Contn. Sheet.

Issued in Note No. 4318 Date 18th May 49 9/5

41 Generation of Power near Bhavani river.

File No. of 194

General and Revenue Secretariat

Serial No. 1432 V 3750

Letter No. 2416/S. dated the 9th May 1949 from the Chief Engineer for Irrigation.

After issue of the rights of Madras and requests sanction for the sub-division to be stationed at Upper Anicut and to appraise the Govt. of Madras for conducting joint enquiries.

204) The letter referred to in the last para of the above letter dated (No. 54/E - 425/3/48) has not been received in this Office. Submitted for orders. This may be urged on the P.W.D. Secretariat for putting up the required

30/5 31/5 205) A) may be done

El Secy) 206) 6/6

P.W. Secy) 7.6.49

207) The connected file on the subject is put up for reference and return

12/6 17.6.49 Secy P.W. 27/6/49

Elec Secy) 28/6/49

208)

209) Submitted for orders whether the Govt. may also be consulted. The Govt. of Madras have since

5808 Gen

A

8543 29/6/49

HPS 10/6/49

HPS

B

Serial No.	
	intimated that the matter is under their consideration
	210) A) may be done Dom 1/7
	El Secy)
	for r
	211) As directed by the Secretary a copy of the Chief Engineer's letter is being sent separately to P.W. Branch for being dealt there.
	212) A copy of the letter ~~was sent to~~ to the P.W. Branch today for orders
	4/7 El Secy) 213) Dom 4/7
	~~Dy No 2/Elect~~ 29/6/49 Chief Electrical Engineer W/C) 214) Hms 5/7/49
	Dom 9/7
	215) A draft letter to the CE is put up for approval
	29/6/7 El Secy) 216) Dom 9/7
	217) Issue Hms 9.7.49
	Dom 11/7
	NOEDS 113/Elect 308-48-39.
	Dated 13th July 1949.
	To The Chief Electrical Engineer
	Forwards a Copy of letter No. 2410/S dated 9th May 49 received from the Chief Engineer for Irrigation and requests to furnish his remark thereon

Hms 14/7

NOTE—Contn. Sheet.

43 Generation of electric power near Bhavani 3924

File No. of 194

General and Revenue Secretariat

Serial No. C

No. 411
Date. 21/7

Letter No. 2211 dated the 11th July 1949 from the Chief Electrical Engineer.

Refers his report on the matter.

OFFICE OF THE MINISTER FOR REVENUE & PUBLIC WORKS
No. 828
Dated 21/7/49.

218) Submitted for perusal & orders.

M 19/7/49 20/7/49

219) Both the Chief Engineers have offered their views agreeing with the action taken by Govt.

220) The Madras Govt. may perhaps be reminded

El Secy) Dom 20/7

Min for Raw Materials
Min for Rev. & P.W. 221) Hm 21.7.49

222) 21.7.49 Dom 21/7

223) HL 27/7/49

Hm 29.7.49
Dom 29/7

224) A draft letter to the Govt. of Madras is put up for approval

M 29/7 30/7 El Secy 225) Dom 30/7

226) Issued Hm 1.8.49
Dom 1/8

Generation of electric power near Moyar River

App. F. III-2

General and Revenue Secretariat

File No. of 194 .

Serial No.

141/339

No EDS 479/Elect 308-45-R
Dated 2nd ~~July~~ August 1946.
The Secretary to Government
P. W. D. Government of Madras
Madras

Office of the Minister for Law & Labour.
No. 1005
Date. 12.8.46

Reminds the ~~[redacted]~~ re the generation of Electric power by the Govt of Madras, near Moyar river

—

Letter No. 3970 E./S/46-24 dated the 29th July 1946 from the Secretary to Govt, P.W.D., Govt. of Madras.

States that no irrigation or other rights of Mysore Govt would be adversely affected by the Moyar scheme

—

227) It is also stated that the Govt. of Madras have no objection to the flow at the border ~~on the~~ Moyar River being measured. Submitted for orders.

228) The copy of letter may be sent to the CE in connection with CE.'s for information and report [illegible] to the C.E.) calling for a report.

229) A) may be done

El. Secy

230)

2) Min for Law + Labour
1) Min for Rev + P.W

231)

OFFICE OF THE MINISTER FOR REVENUE & PUBLIC WORKS
No. 1480
Dated 6/8/46

Note.—Contn. Sheet

US

Generation of electric power by the Govt. of Madras near Mayavaram

File No. 308 of 1945.

General and Revenue Secretariat

Serial No. 339 [illegible]

No. E.D.S. 843-44/Elect 308-45-42.

Dated the 2nd September 49.

The Chief Electrical Engineer —,
The Chief Engineer for Irrigation.

States that the Government of Travancore will have no objection. If any joint ganging is desired the estimates may kindly be forwarded to this Government as a preliminary to the undertaking of the works and this Government have no doubt that the diversion of water to the Mayavaram power house effected in their territory is within the share which the Madras Govt. are entitled to in the boundry stretch of the River and call for the opinion of [illegible]

Sus 41/ 4/5/49 Q. 1917

Letter No. 13083 dated the 25th September 1949 from the Chief Electrical Engineer.

States that the joint ganging is essential to determine as to how the rights of Mysore has been effected by the diversion of the water of Moyar river by the Govt. of Madras to the Moyar Power House.

233) Submitted for perusal & orders. The opinion of the Chief Engineer for Irrigation is still awaited.

234) Com 5/10

Cl Secy

WD 0[illegible]—APH—30,000—11-5-48

WD 06071—GPB—25,000—20-6-49

46

Serial No.

1086 Elect

1086 / 1423.

Off ... Labour

2209

6/10

235) Min for Lawt Labour) Hum 6.10.49

236) Dom 6/10

~~Get the~~ views of the C.E.E & C.E.I. unofficially. P.S.T.D 6/10

Hum 8/10/49

Chief Engineer for Irrigation) 237) W/c Hum 8/10/49

Dom 8/10

238) A draft reminder to the C.E.E is put up for approval.

Electrical Secy) 10/10

239) Issue Hum 10/10/49

Dom 10/10

Memo No EDS. 1216/R

Dt 11-10-49

To The C.E.E.

Request to furnish ~~your~~ his views immediately about the Generation of Electric power near Moyar River, by the Government of Madras.

Hum 13/10

Letter No. 1277 dated the 15th October 1949 from the Chief Electrical Engineer.

Requests sanction for the

NOTE—Contn. Sheet

Serial No.

formation of a Sub Division for conducting Joint gaugings.

240) As ordered in para 211, the P.W. Secty. has been requested to take action & the proposal of the Chief Engineer for Irrigation - please vide para 211. Submitted for orders. A reply is due to the Govt. of Madras.

25/10

241 It is necessary to form a Sub Division for Conducting Joint gaugings (Cl Seq)

Bom 26/10

242) Both the Chief Engineer for Irrigation and the C.E.E. have stated that a joint gauging would be necessary at the boundary. The C.E.E has further sought sanction for the formation of a Sub Division for Conducting these gaugings during a period of 3 years and has stated that an estimate for this work will be got up and forwarded in due Course.

243) The Madras Govt. may perhaps be replied with refee to their ~~#~~ letter of 29th July 1949 that this Govt desire that a joint gauging may be Conducted and that the estimate for this would be sent for their acceptance in due Course.

Flag C

General and Revenue Secretariat

Generation of Electric power by the Govt of Madras as near Moyar River

File No. of 19

[App. F. III-2

WD 06071—GPB—25,000—20-6-49

48

Serial No.

1433/E162

Min for Law & Labour,
Min for Home
+
Chief Minister

Hmw
11.11.49
Dom 11/11

Office of the Minister for Law & Labour.
No. 3298
Date 14.11.49

244) RSD 12/11

245) 11/11

246) VREA 1/12/49

Hmw
9/12/49
Dom 2/12

Office of the Chief Minister
No. 4636
Date of Receipt 22/11/49

241) A draft letter to the Govt. of Madras is put up for approval. The copy may be sent to the Secy for perusal before issue

W 3/12
Sirkay

Elec Secy)

Dom 6/12

Chief Secretary)
W/C

Hmw
9/12/49
Dom 9/12

P.W. Secy
W/C

115
10/12

Issue
Hmw
12/12/49
Dom 12/12

NOTE—Contn. Sheet.

Serial No.

Memo No EDS:- 2675/Elect 308-45-45

To. Dt 17-12-1949

The Secretary to Govt of Madras
Public Works Department
Fort, St. George

in connection with the Generation of Electric power by the Govt of Madras near Madras river

States that the Government of Mysore desires that a joint gauging may be Conducted and that the estimate, for this would be forwarded for the acceptance of the Govt of Madras, in due course.

Memo No EDS- 2676/Elect 308-45-45

To. Dt 17-12-1949

The Chief ~~Electrical~~ Engineer for Irrigation

Forwards a copy of the above for information

Memo No. EDS- 2677/Elect 308-45-45

To. Dt 17-12-1949

The Chief Electrical Engineer.

Forwards a copy of the above for information

B.T. this

Confidential. Elecl 308-45-1.

Telegrams:-"GOMED"

Telephone No. OFFICE: 2416 RESIDENCE: 2014

MR. M. HAYATH. B.E. (MECH.), B.S.E.E.,
~~SUPERINTENDING~~
Chief Electrical Engr.

Chief Elecl.Engineer,
OFFICE OF THE ~~SUPERINTENDING~~
~~ENGINEER~~
BANGALORE, 15th Septr., 1945
(S. INDIA)

D. O. No. C 4120/Ene: one Sketch.

OFFICE OF THE MINISTER FOR PUBLIC WORKS
19 SEP 1945
No. Pub. 143.

Dear Sir,

The Government of Madras in their future developments have included a scheme for generation of power on the Moyar river; but I feel that the Government of Mysore have a right to the waters of the Moyar river under the following circumstances. I, therefore, request that the Government of Mysore should address the Government of Madras, through the appropriate channel, to safeguard their rights over the waters of the Moyar river, so that atleast half of the power that is developed on the Moyar river becomes the share of the Government of Mysore.

Seen P.W.

Action may be taken now to address the Madras Govt. through the Resident after submitting the same to the Dewan for perusal.

Pykara

Pykara river in the Niligiris is a tributary of Moyar river and enters the Moyar river before the latter comes to the boundary between Mysore and Madras. A perusal of the topo sheet shows that Moyar river is a tributary of Bhavani river, which in its turn is a tributary of Cauvery. Moyar river to a length of about 16 miles forms the border between Mysore & Madras. Before the Pykara Power Works were established, the natural flow of the Pykara river used to get in to Moyar river before it formed the boundary between Mysore & Madras and the combined waters of Moyar & Pykara flowed through the border land for a distance of about 16 miles when the Moyar river emerges entirely into the Madras territory. The Pykara Hydro-Electric scheme, as now constructed, consists of a number of reservoirs on the upstream side of the Pykara falls and with suitable diversion the water is brought to the Forebay. Then it is dropped to the Generating Station through penstocks and the tail-race water enters again the ~~Moyar~~ river through the Glen Morgan Stream, as I understand it. Thus even though the waters of the Pykara river are utilised by the Govt. of Madras for generation of power, without any dimunition it flows again back into the Pykara river before the Pykara river meets the Moyar river. Thus, even with the existance of the Pykara Power Generating Station, the combined flow of Pykara and Moyar flows through the border of Mysore and Madras for a distance of 16 miles. As I can see from the topo sheet, the difference in level at the bed of the Moyar river from the point where it commences to form the boundary between Mysore & Madras and also where it emerges entirely into Madras territory is nearly 500-ft. I have not seen the country, but I feel that if the topography of the country admits of a Hydro-Electric Scheme, the Moyar river discharge could be utilised between the two points to generate a considerable amount of power, as the head is more than what is available at Sivasamudram. As the river in this portion forms the boundary between Mysore & Madras, the Government of Mysore have a right for half the flow of the river and if the Government of Madras wish to utilise this discharge for generation of power by diversion of the tailrace of the Pykara to a point where Moyar river emerges entirely into the Madras territory, I feel we would be losing an opportunity of utilising this water for generation of power at a future date. Therefore, I request that the Government of Madras be requested to furnish us the details of their scheme under contemplation, to see that our rights are not infringed. As they are likely to take up the scheme at an early date, it is very necessary to address the Government of Madras through the proper channel at a very early date.

Yours sincerely,

M. Hayath

MH:MSSV.

1579

L.Siddappa, Esq., B.A., Ll.B.,
Minister for Public Works,
Govt. of Mysore, Bangalore.

Revised Draft 2

Elec 308-45-2 No EDJ-10/C-11/C Dy 15/10/45

To

The Secretary to the Hon'ble
the Resident in Mysore,
B a n g a l o r e

S i r,

Generation of electric power by the Government of Madras near the Moyar River.

I am directed to state that the Government of Madras are understood to have included in their future development programme a scheme for the generation of power on the Moyar River. The Moyar River after its confluence with the Pykara River flows along the boundary of the Mysore and Madras terrotories for a distance of 16 miles. The Mysore Government therefore feel that they have a right for half of the flow of the river at the point at which it forms the boundary. There is a large difference of level between the points of entry and exit from the Mysore boundary and there is therefore the possibility of power generation in this region. I am to request that the Hon'ble the Resident may kindly be moved to address the Government of Madras and, if there is no objection, to request them to give the details of the hydraulic scheme proposed by them.

I have etc.

KW 15/10/45

Secretary to Government
Electrical Department

45/341/1
15/10

Copy w/c to C.E.E. w/r/t this letter No Cl 41200 dt 15.10.45

KW 15/10/45

Elec 308 - 4-5 - B. 3

Confidential Letter No.4364-E/45-2,dated the 16th November '45, from the Secretary to the Government of Madras, P.W.D.,Madras.

Electricity - Moyar Scheme - Reference - Your letter No. R.F.534-45,dated 25th October 1945.

I am directed to state that the projected Moyar Hydro-Electric Scheme is a comparatively small development and contemplates the erection of a power house on the Madras side of the Moyar river about 5 miles from the point where the boundary line first meets the Moyar river and 5 miles N.E. of Masinigudi village. The tail water from the Pykara plant and the run off of local streams will be led to a forebay and dropped down the steep banks of the Moyar river,through suitable pipes, to feed two 12,000 K.W. turbo-generators, one of which is a standby set.

2. The whole scheme and works lie in the Madras territory and the river gradient along the boundary line is not utilised for power generation. The scheme will not be in any way prejudicial to the interests of the Mysore State.

3. The Madras Government do not contemplate any power development along the 16 mile stretch of the Moyar river incorporated in the boundary line between Madras and Mysore. As far as is known at present, the Madras Government consider that no practicable and economic power or irrigation scheme is possible in that area.

No.RF.534-45/Pol.

Office of the Hon'ble the Resident in Mysore,
Bangalore, dated 21st November 1945.

Copy forwarded to the Secretary to the Government of His Highnes the Maharaja of Mysore, Electrical Department,Bangalore, for information, with reference to his letter No.EDS.10/C,dated the 15th October 1945.

SECRETARY TO THE RESIDENT.

cron

No. 8083 1115 dated 1st December, 1945
Encls: Three Copies of Letters

Confidential Elect. 308-45-4
2 drafts 4

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*

Subject:- Generation of electricity by the Govt of Madras near the Mayar River.

To--

The Chief Engineer for Irrigation
Bangalore.

Sir,

I am directed to forward herewith a copy of letter No. 4364-E/45-2 dated the 16th November 1945 received from the Govt. of Madras on the above subject and to request that your remarks thereon may kindly be furnished at a very early date. # Copies of T.O. letter + C.B.E.S. original letter are herewith enclosed for refce. I have etc.

To the Resty

KW/29 4/45.
Secretary to Govt,
Electrical Dept.
D 2874 Rly
28/11

No. 8D3. 1116 dated 1st December, 1945
Encl: Copy of Letter.

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*

Confidential Elect 30 8-45-5
2 drafts
5

Subject:- Generation of electricity by the Govt. of Madras near the Moyar River

To

The Chief Electrical Engineer,
Bangalore

Sir,

With reference to your D.O. letter No. CL. 4120 dated the 15th September 1945 on the above subject, I am directed to forward herewith a copy of letter No. 4366-E./45-2 dated the 16th November 1945 received from the Govt. of Madras and to request that your remarks thereon may kindly be furnished at an early date.

I have etc.

KW 29/11/45
Secretary to Govt.,
Electrical Dept.

28/11
28/11/45.

15. typed Copies. 1 for CE & also 1/2.

WD 0186—GPB—15,000—6-9-34

Elect 308-45-6.

C[illegible]. No. 45] **GOVERNMENT OF MYSORE**

6

Telegram / phone

CONFIDENTIAL

OFFICE OF

The Chief Electrical Engineer to the Govt. of Mysore, Bangalore,

No. 4155
Encls. one Drg. No. G640

Date 3rd December 1945.

To

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

SECRETARY TO GOVERNMENT ... P. W., EL... & RYS. Date 4/12

SECRETARIAT BANGALORE Rec. No. 874 Date 5/12/1945

Sir,

Subject:- Generation of electricity by the Government of Madras on the Moyar river.

W.D. J)

With reference to your letter No.EDS-1116 dated the 1st instant, enclosing a copy of the letter received from the Secretary to the Govt.of Madras, Public Works Department, I have the honour to state as follows:-

From the very brief description furnished by the Secretary to the Government of Madras, P.W.D., it is seen that the Power House is located in the valley of the Moyar river, about 5 miles downstream side of the point where the Moyar river begins to form the boundary between Madras and Mysore. The water for the Power House is the water that is obtained from the tail race of the Pykara and the flow in the local stream, probably Avaraihalla. At present the water of the Pykara river, which was flowing in the Moyar river, was diverted for generation of power at the Pykara Power House and the tail water from the Generating Station through the diversion channel was let into the river before it formed the boundary between Madras and Mysore with the result that if any power generation is undertaken by the Government of Mysore the usual flow of the Moyar river was not affected. The present proposal of the Govt. of Madras to divert the tail waters of Pykara and the flow of the local streams to 5 miles downstream side of the point where Moyar river forms border between Mysore and Madras is certainly a diversion of valuable waters for which the Government of Mysore have a legitimate right and therefore this cannot be considered as a diversion not affecting the interests of the Government of Mysore.

From the blueprint herewith enclosed, it is clear that the location of the Power House in the valley of Moyar river entails use of gradient between the point where Moyar river forms a boundary between Mysore and Madras and the location of the Power House and this cannot be denied from the facts available with us. It is therefore desirable that the Chief Engineer for Electricity, Madras, be

P.T.O.

requested to personally discuss this problem with the Minister for Public Works before the scheme is undertaken by the Government of Madras in order to once for all decide the extent of the infringement of the rights of the Government of Mysore in respect of the waters of the Moyar river. As far as I could see from the brief description now furnished and the drawing herewith enclosed, which has been in our possession, half the power generated at the new proposed power site on the Moyar river is legitimately due to the Government of Mysore. Even though all the works proposed to be executed are located in the Madras territory, the diversion of the water that flows into Mysore territory is an infringement of the rights of the Mysore State.

I therefore request you to kindly take such action as you consider necessary in this behalf.

I have the honour to be,
Sir,
Your most obedient servant,

Chief Electrical Engineer.

MH-CSC.

Confidential Elec 308-45-7

G. R. S. App. F. G. 3

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

No. 8 DS. 1269 dated 21st Dec, 1945

Subject:- Generation of Electricity by the Govt of Madras on the Hoyar River.

To

The Chief Electrical Engineer, Bangalore

Sir,

With reference to your letter No 4155 dated the 3rd December 1945 on the above subject, I am directed to state that the Minister for P.W. desires to discuss the above question with you.

I have etc

KW 19/12/45

Secretary to Govt, Electrical Dept.

VD 17/12

WD 0565—GPB—22,500—8-11-38

Elec 308-45-8.

TELEPHONE No. 2110.

IN REPLY REFER TO No. 4162 ENCLO.

CONFIDENTIAL.

GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER
Camp Sivasamudram,
Bangalore,.. 25th December..*19* 45.
(MYSORE, S. INDIA.)

TELEGRAPHIC ADDRESS:
"GOMED"

CODES USED
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE.

M.V.D.

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

Sir,

...ICITY DEPARTMENT,
BANGALORE
Regd No. 1041
Date 2.1.1946.

Subject:- Generation of electricity by the Govt. of Madras on the Moyar River.

With reference to your letter No.EDS-1269 dated the 21st instant, I have the honour to state that I discussed the above subject with the Minister for Public Works on the afternoon of the 21st instant.

I have the honour to be,
Sir,
Your most obedient servant,

MH-CSC.

Chief Electrical Engineer. 26/12

The main file has been submitted to Dewan. Orders thereon will be awaited

2/1/46.

2/1/46.

Elect 308-45-9.

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

No BDS 1342 dated 4th January, 1946.

Generation of electric power by the Govt. of Madras

Subject ~~matter~~ Hongar Scheme

To

The Secretary to the Hon'ble the Resident in Mysore, Bangalore.

Sir,

With reference to your Memo No. R.F. 534-45/Pol. dated the 21st November 1945, addressing for information a copy of letter No. 4364-E/45-1 dated the 16th November 1945, received from the Govt. of Madras on the above subject I am directed to request that the Govt. of Madras may kindly be addressed to depute their Chief Engineer for Electricity, Madras to Delhi discuss the above question with the Minister for P.W. in his chambers at the Old Public Offices,

WD 0565—GPB—22,500—8-11-38

12 ✓

Bangalore.

I have etc.

KWJ 3/1/46.

Secretary to Govt.
Electrical Dept.

JTO-BDS 1343

Copy forwarded to the C.E.E. for information with reference to his letter No. 4155 dt 3/12/45.

For Secretary to Govt.
Electrical Dept.

2/1/46.

2/1/46.

Elec 308-45-10

No.RF.534-45/Pol.

From The Secretary to the Hon'ble the Resident in Mysore.
To The Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department.

Dated Bangalore, 26th Jany. 1946.

Elec 28/1

GENERATION OF ELECTRIC POWER - THE MOYAR RIVER SCHEME.

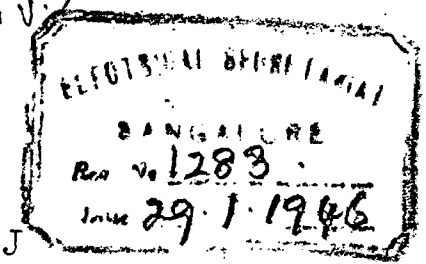
Sir,

I am directed to refer to your letter No.E.D.S.1342, dated the 4th January 1946.

2. The Government of Madras write that their Chief Electrical Engineer will not be able to come to Bangalore this month. He proposes to come some time later, and a further communication will be made in due course.

I have the honour to be,
Sir,
Your most obedient servant,

SECRETARY TO THE RESIDENT.



BJ

Letter No.R.F.534-45/Pol. dated the 26th January 1946 from the Secretary to the Hon'ble the Resident in Mysore, Bangalore, to the Secretary to Government, Electrical Department, Bangalore.

GENERATION OF ELECTRIC POWER - THE MOYAR RIVER SCHEME.

I am directed to refer to your letter No.EDS.1342, dated the 4th January 1946.

2. The Government of Madras write that their Chief Electrical Engineer will not be able to come to Bangalore this month. He proposes to come some time later, and a further communication will be made in due course.

No.EDS.1633 Dated Bangalore, 30th January 1946

Copy of the above, is forwarded, with compliments, to the

15

the Chief Electrical Engineer, for information.

30/1

For Secretary to Government,
Electrical Department.

A.H.30th

Elec 308-45-11

IMMEDIATE.

No.R.F.534-45/Pol.

From The Secretary to the Hon'ble the Resident in Mysore.
To The Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department.

Bangalore, 5th April 1946.

Generation of electric power - The Moyar River Scheme.

Sir,

I am directed to refer to the correspondence ending with my letter No.R.F.534-45/Pol., dated the 26th January 1946.

2. The Government of Madras have telegraphed to enquire whether it will be convenient to the Minister for Public Works in Mysore to meet the Chief Engineer, Electricity, Madras, at Bangalore on the 11th April and have also asked that if the date suggested is convenient, accommodation may kindly be arranged for their Chief Engineer during his stay in Bangalore. Please let me have your reply very urgently as a telegraphic reply has been requested.

I have the honour to be,
Sir,
Your most obedient servant,

SECRETARY TO THE RESIDENT.

Tcn.

ELECTRICAL SECRETARIAT,

No. E.D.S. 2285
Encls. Elect 308-45-12.

Bangalore, 8th April 1946.

17

From

The Secretary to Government,
Electrical Department,
Bangalore.

To

The Secretary to the Hon'ble the Resident
In Mysore, Bangalore.

Sir,

Subject:- Generation of electric power -
The Hoyar River Scheme.

I am directed to acknowledge the receipt of your letter No.R.F.534-45/Pol. dated the 5th April 1946 on the above subject and to state in reply that 11th April 1946 at 3 P.M. will be convenient for the Minister for Public Works to meet the Chief Engineer, Electricity Department, Madras, in his Chambers at the Old Public Offices, Bangalore.

2. The Chief Engineer, Madras will be put up at one of the Guest Houses and treated as a State Guest.

I have the honour to be,
Sir,
Your most obedient servant,

Sd. K.D. Joshi.

Secretary to Government,
Electrical Department.

No. EDS 2286 Elect 308-45-13 Dated, Bangalore 8th April 1946.

Copy of the above is forwarded with compliments to the

Chief Electrical Engineer for information, with a request to be kindly present on the day of the meeting.

Copy to the Registrar, General and Revenue Secretariat for information.

O/C

Secretary to Government,
Electrical Department.

Block 30 & 45 - 14.

C. F. No. 45]

GOVERNMENT OF MYSORE

Telegram / phone

OFFICE OF
The Chief Engineer for Irrigation
in Mysore, Bangalore.

No. 557/S
Encls. one B-Print.

Date 8-7-1946

To

The Secretary to Government,
Electrical Department, Bangalore.

D. 64
D/10.7.46.

Generation of Electricity by Government of Madras near the Moyar River.

With reference to your letter No. EDS. 1115 dated 1-12-1945, on the above subject, I have the honour to state that the locality was informally inspected by the Assistant Engineer, Special Project Sub Division, Mysore. A copy of blue print indicating the Pykara Hydro-Electric Scheme as well as the proposed Moyar Power Station is enclosed for information.

2. At present the water of the Pykara River after generation of Electricity is led into a halla flowing into Moyar River before it joins the Mysore territory. The present proposal of the Madras - Government is to divert the tail race channel to feed the proposed balancing reservoir wherefrom the power channel for Moyar Scheme - should start. The quantity of water thusproposed to be diverted is estimated at 125 cusecs. Should the Moyar Power Scheme materialise in Madras Territory as per their present proposal the discharge in the Moyar River will be reduced by the above extent for a distance of five miles along the Mysore - Madras boundary.

3. The country in the reach of 16 miles of Moyar River which forms the boundary between Mysore and Madras is rugged with steep sides at the river margin. The development of irrigation under the Moyar - River does not therefore appear to be very promising on account of the topography.

4. As regards the possibility of a Hydro-electric Scheme on Mysore side, the Chief Electrical Engineer has already stated that the conditions are favourable and has requested for the details of Hydro-electric scheme of Madras Government for a detail examination of the implications

Generation of Electricity

28 64/11.12.C — Major Rivers Scheme.

implications of the proposal.

5. If further details are obtained and furnished the proposals may be examined further. The particulars intimated in letter No. 4364/E/45-2 dated 16-11-1945 from the Secretary to Government, P.W.D. Madras, copy received with your letter under advertence are meagre for a full study of the scheme.

I have the honour to be
Sir,
Your most obedient servant,

Chief Engineer for Irrigation.

SS.6/7.

The main file on the subject has been sent to the Law Secretary vide D. No. 1828 on 22nd June 1946. If approved this reference will also be sent in continuation for favour of expediting the return of the main file along with this reference.

11/7/46

Secy 18/11/7

Law Secy wlc.

Fav of return with the main file.

12/12/46

18/12/7

GOVT. SECRETARIAT DEPT. (S) 12 JUL 1945 GOVT. OF MADRAS

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

General and Revenue Secretariat,

No. EDS 434/Race 308-45-15 *Dated Bangalore, ...15th August* 194 6

FROM

The Secretary to the Government of His Highness the Maharaja of Mysore.
Electrical Department, Bangalore.

To

The Secretary to the Hon'ble
the Resident in Mysore, Bangalore.

Subject:- Generation of electric power by the Government of Madras near the Moyar River.

S i r,

I am directed to invite your kind reference to correspondence ending with this office letter No.EDS.2285 dated 8th April 1946 on the above subject and to state that a meeting with the Chief Electrical Engineer, Madras, took place on the 11th April 1946. The Chief Electrical Engineer, Madras stated that the quantity of water that is going to be utilised by the Madras Government for power generation on the Moyar River will be far less than half the total inflow through the river in the boundary portion of its course between Mysore and Madras. It was considered advisable that the actual quantity of inflow may be correctly ascertained for the portion of the river above the Pykara Reservoir and also at the point where the river enters the border between Mysore and Madras. It was agreed that for the above mentioned purpose, the Madras Government should supply the available statistics with regard to the flow in the river at the Pykara Reservoir before it was constructed, secondly, to give the records of inflow into the Pykara Reservoir after its construction and thirdly, to establish a joint gauging station on the Moyar at the commencement of the boundary between Mysore and Madras. I am to request that the Hon'ble the Resident may kindly be moved, if there is no objection, to address the Government of Madras to give the

23

the above mentioned detailed information and to convey their agreement to the establishment of a joint gauging station for a period of two years.

The above proposals are made without prejudice to the full water rights of the Government of Mysore in the river in question. They trust that no works likely to affect these rights will be undertaken by the Government of Madras without previous consultation with and consent of this Government.

I have the honour to be,
S i r,
Your most obedient servant,

Sd. K. D. Joshi.

Secretary to Government,
Electrical Department.

A.N.14th/6

Elect 308-45-16

24

No.R.F.534-45/Pol.

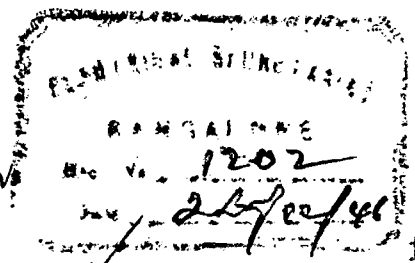
From The Secretary to the Hon'ble the Resident in Mysore
To The Secretary to the Government of Madras,
Public Works Department, Madras.

Bangalore, 26th December 1946.

Generation of electric power by the Government of Madras near the Moyar River.

Sir,

I am directed to refer to the correspondence ending with your letter No.3970-L/46-3, dated the 24th October 1946, and to enquire how the case stands and when a final reply may be expected.



I have the honour to be,
Sir,
Your most obedient servant,
Sd/- P.M. Raman Nayar,
for SECRETARY TO THE RESIDENT.

Copy forwarded to the Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department, Bangalore, for information with reference to his letter No.E.D.S.1681/Elecl.308-45, dated the 17th December 1946.

P.M. Raman Nayar
for SECRETARY TO THE RESIDENT.

Tcn.

Further Communication from the Residency may be awaited.

HOR 30/12/46.

DEPARTMENT. File No.

BRANCH. Serial No.

Draft Letter / Memorandum / Telegram

Class for telegrams	INLAND:	FOREIGN:
	Immediate	Immediate
	Important	Important
	Express	Ordinary
	Ordinary	Without priority

No. Dated 19

To

To be issued on	Issued on
1st Reminder	
2nd Reminder	
3rd Reminder	
Heading:	
Case or Diary No.	
If post copy of telegram required	
Date of despatch of above	
List of enclosures	

(Code word for telegrams.)

Elecl 308-4 5-17

25

The reply to this communication should be addressed to the Secretary to the Resident in Mysore, Bangalore, by designation and not by name.

No. R.F.534[illegible]45/Pol.

[illegible] BANGALORE
No. 1346
Date 21-1-47

FROM

THE SECRETARY

TO THE HON'BLE THE RESIDENT IN MYSORE.

To

The Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department, Bangalore.

Dated Bangalore, the 21st January *1947.*

Generation of electric power by the Government of Madras near the Moyar River.

SIR,

A)

I am directed to refer to your letter No.EDS.434/Elecl.308-45-15, dated the 15th August 1946, and to forward a copy of letter from the Government of Madras, No.3970 E/46-6, dated the 9th January 1947.

I have the honour to be,
Sir,
Your most obedient servant,

SECRETARY TO THE RESIDENT.

Tcn.

The file may be returned early
RK
21.1.47.

The entire file is sent up.
Seen)
21/1/47
21/1
21/1

Letter from the Secretary to the Government of Madras, Public Works Department, No.3970 E/46-6, dated the 9th January 1947. 26

Electricity - Generation of power by the Government of Madras near the Moyar river.
Ref: Your letter No.R.F.534-45/Pol., dated 26-8-1946.

I am directed to state that this Government have no objection to supply the Government of Mysore the available statistics regarding flow in the Pykara river at the diversion weir before and after the construction of the Mukurti reservoir (the only reservoir at present) and the inflow into the Mukurti reservoir.

2. As regards the establishment of a joint gauging station on the Moyar river at the commencement of the boundary between Mysore and Madras, I am to invite attention to this Government's letter No.4364 E/45-2, dated 16-11-1945 and to state that as mentioned therein, no practicable or economical power or irrigation scheme is possible of development in the common reach of the Moyar river above the proposed Moyar power house site and therefore no rights of the Mysore Government are prejudiced or likely to be prejudiced. The flow utilised by this Government for the Moyar Scheme is derived from 42 sq. miles of catchment area, whereas the flow in the common reach is derived from 172 sq miles and the diminution of flow in the common reach due to diversion to the Moyar Scheme will be less than half the Moyar river flow. In the circumstances, this Government consider that there is no need for the establishment of a gauging station and that any expenditure on the station would therefore have no object. If, however, the Mysore Government still consider that a joint gauging station is necessary, they may kindly be requested to explain why it is necessary and also to intimate the probable cost. In the meantime the Madras Government propose to proceed with the Moyar construction works as they are already in progress.

Tcn.

Immediate

27

Appendix F. G.—1]

SUBJECT Generation of electric power by the Govt. of Madras near the Mayar River

Section Elect
File No. 308-45.
Serial No. 18

Diary No. of letter replied to 1346

No. 2082 /Ers

General and Revenue Secretariat

( )

the 194

To.

The Chief Electrical Engineer,
Bangalore

Date of issue 30-1-47

Signed by Mr. R.R.

Sir,

In continuation of this office Memo letter No. EDS. 446 Dy 14/8/46 on the above subject, I am directed to forward herewith, for your remarks, a copy of letter No. 3970. E./46-6 dated the 9th January 1947 received from the Govt. Secretary to the Govt. of Madras, P.W.D. in the matter.

I have etc.

RR. 29.1.47

Secretary to Govt.,
Electrical Dept.

List of enclosures one

Copied by 29/1

Examined by

WD 02745—GPB—25,000—24-6 46

28/1 28/1

Immediate

No. E.D.S. 2082
Encls. One
Elect. 308.45:18

ELECTRICAL SECRETARIAT, 28

Bangalore, 30th January 1947

From

The Secretary to Government,
Electrical Department,
Bangalore.

To

The Chief Electrical Engineer
to the Government of Mysore,
Bangalore.

Subject:- Generation of electric power by the Government of Madras near the Moyar River.

S i r,

In continuation of this office Memo No.EDS.446 dated 17th August 1946 on the above subject, I am directed to forward herewith for your remarks, a copy of letter No.3970. E/46-6 dated the 9th January 1947 received from the Secretary to the Government of Madras, Public Works Department in the matter.

I have the honour to be,
S i r,
Your most obedient servant,

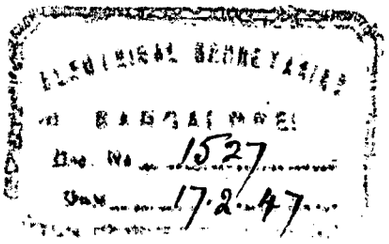
30.1.47

Secretary to Government,
Electrical Department.

A.N.29th

47 29

TELEPHONE No. 2110
No. 23608
ENCLO.
TELEGRAPHIC ADDRESS:
'GOMED'



GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER,
Bangalore, 14 February 1947.
(MYSORE, S. INDIA.)

RR 14/2/47

The Secretary to Government,
Electrical Department,
Bangalore.

Sir,

Generation of electric power by the Government of Madras near the Moyar River.

With reference to your letter No.EDS.2082/Elec.308-45-18 dated 30th January 1947 forwarding a copy of the letter received from the Secretary to Government, Public Works Department, Madras, on the above subject, I have the honor to invite your kind reference to my letter No.C.L.4120 dated 15th September 1945 addressed to the Minister for Public Works, and my letter No.4155 dated 3rd December 1945 on the above subject. All the information that was available from the Topo sheet has been furnished in the two letters referred to above. As already stated, I have not seen the place, but from the Topo sheet it is seen that the difference in level at the bed of the Moyar River from the point where it commences to form the boundary between Mysore and Madras and also where it emerges into the Madras Territory is nearly 500-ft. If the topography of the country admits of the construction of a Hydro-electric Scheme, the above discharge of the Moyar river between the two points could be utilised for power generation; but the Government of Madras in their letter under reply have stated that the Mukurti Reservoir holds water from only 42 Sq. miles of catchment area, whereas the flow in the common reach of the Moyar river is derived from 172 Sq. miles, and therefore claim that the water that they are utilising for power generation is less than half the natural flow of the river to which they are entitled. In the absence of the data regarding the flow in the Pykara river at the junction where the river enters the border between Mysore and Madras before and after the construction of the Mukurti Reservoir and the rain-fall gaugings in the catchment area of the Mukurti Reservoir and

the other catchment area of the Moyar river, it is difficult to say whether the water diverted by Madras Government for power purposes is within the share to which they are entitled.

With regard to the infringement of the irrigation rights from the river which forms the border between Mysore and Madras, the matter may kindly be referred to the Chief Engineer for Irrigation. I further understand that the Chief Engineer for Irrigation had deputed the Superintending Engineer, Irrigation Circle, to visit the place sometime during last year, and his report may also be available with the Chief Engineer for Irrigation. Hence, this may kindly be referred to him for an expression of his opinion.

As far as power generation is concerned, if the quantity of water that is being diverted by the Madras Government is less than half the natural flow of the river, I believe no objection can be raised by us.

I have the honor to be,

Sir,

Your most obedient servant,

Chief Electrical Engineer. 14/2

MH-Alnr.
14-2-47.

Confidential

Appendix F. G.—1]

SUBJECT Generation of electric power by the Govt. of Madras near the Moyar River

Section Elect

File No. 308-45

Serial No. 19

Diary No. of letter replied to 1527

No. 3106/ Ens

General and Revenue Secretariat

( )

the 194

To.

The Chief Engineer for Irrigation,
Bangalore

Date of issue 27-2-47

Signed by Mr. R. R.

Sir,

With reference to your letter No. 55/S dated the 8th July 1946 on the above subject, I am directed to forward ~~for favour of~~ your ~~for~~ information and ~~for~~ remarks hereunto a copy of letter No. 3970 E/46-6 dated the 9th January 1947 received from the Secretary to the Govt. of Madras P.W.D, on ~~the matter~~ ~~above subject~~.

I have etc.

List of enclosures One

Copied by

Secretary to Govt.
Electrical Dept.

Examined by

WD 02745—GPB—25,000—24-6 46

and to request you to kindly forward your views on the matter.

As it is understood that the Supdtg. Engineer, Irrigation Circle, was deputed last year to visit the area forming the border between Mysore & Madras, a copy of his report may also be kindly forwarded with your reply. RR. 26.2.47

W 99/1

Confidential.

ELECTRICAL SECRETARIAT, 32

No. E.D.S. 3106/Elec/308-45-19
Encls. One

Bangalore, 27th February 1947

From

The Secretary to Government,
Electrical Department,
Bangalore.

To

The Chief Engineer for Irrigation
in Mysore, B a n g a l o r e.

Subject:- Generation of electric power by the Government of Madras near the Moyar River.

S i r,

With reference to your letter No.55/S dated the 8th July 1946 on the above subject, I am directed to forward herewith a copy of letter No.3970 E/46-6 dated the 9th January 1947 received from the Secretary to the Government of Madras, Public Works Department, and to request you to kindly forward your views on the matter. As it is understood that the Superintending Engineer, Irrigation Circle, was deputed last year to visit the area forming the border between Mysore and Madras, a copy of his report may also be kindly forwarded with your reply.

I have the honour to be
S i r,
Your most obedient servant,

26/2/47
Secretary to Government,
Electrical Department.

A.N.25th

D/C

gauging station is necessary, they may kindly be requested to explain why it is necessary and also to intimate the probable cost. In the meantime the Madras Government propose to proceed with the Moyar construction works as they are already in progress.

" Copy "

For Secretary to Government,
Electrical Department.

A.N.25th

Letter from the Secretary to the Government of Madras, Public Works Department, No.3970 E/46-6, dated the 9th January 1947.

Electricity - Generation of power by the Government of Madras near the Moyar river.
Reference: Your letter No.R.F.534-45/Pol., dated 26th August 1946.

I am directed to state that this Government have no objection to supply the Government of Mysore the available statistics regarding flow in the Pykara river at the diversion weir before and after the construction of the Mukurti reservoir (the only reservoir at present) and the inflow into the Mukurti reservoir.

2. As regards the establishment of a joint gauing station on the Moyar river at the commencement of the boundary between Mysore and Madras, I am to invite attention to this Government's letter No.4364 E/45-2, dated 16th November 1945 and to state that as mentioned therein, no practicable or economical power or irrigation scheme is possible of development in the common reach of the Moyar river above the proposed Moyar power house site and therefore no rights of the Moyar Mysore Government are prejudiced or likely to be prejudiced. The flow utilised by this Government for the Moyar scheme is derived from 42 Sq. milesof catchment area, whereas the flow in the common reach is derived from 172 Sq. miles and the diminution of flow in the common reach due to diversion to the Moyar Scheme will be less than half the Moyar river flow. In the circumstances, this Government consider that there is no need for the establishment of a gauging station and that any expenditure on the station would therefore have no object. If, however, the Mysore Government still consider that a joint gauging

47 Elecl 308-45-20

MYSORE PUBLIC WORKS DEPARTMENT.

35

Rajakaryaprasakta
M. NARASIMHAIYA, Esq., B.A., C.E., M.I.E., (Ind.)
Chief Engineer for Irrigation

CENTRAL OFFICE, IRRIGATION.

Dated, Bangalore 13th March 1947.

D. O. No. 433

BANGALORE
Rec'd No. 1723
Date 14-3-47

Dear Mr. Ramakrishna,

Re:- Generation of Electrical power by the Government of Madras near the Moyar River.

A) With reference to your letter No.3106/Elc.308-45-19 dated 27th February 1947, requesting me to furnish my views in the matter, I invite reference to letter No.EDS.434/Elecl. 308-45-15 dated 15-8-1946 addressed to the Residency wherein it has been stated that at the joint meeting of Madras and Mysore Officers held on 11-4-1946, the conclusions were that the Government of Madras should supply the statistics of flow in the Pykara River at the diversion weir before and after the construction of the Mukurti Reservoir and also the inflow into the Mukurti Reservoir. But they are not in favour of establishing a gauging station on the Moyar River at the commencement of the boundary between Mysore and Madras.

B) It is not clear as to who the Representatives on the Mysore side were, and what the subjects that were discussed. In the absence of the complete file of papers leading to the correspondence on the subject, it will be very difficult for me to offer my remarks.

I request you therefore to be so good as to forward for reference, your office file on the subject. If you please.

Objection

Yours sincerely,

M. Narasimhaiya

R. Ramakrishna, Esq., M.Sc., E.E.,
Secretary to Government,
Electrical Department,
B a n g a l o r e.

The entire file may be put up early.

RR. 13/3/47

13/3/47

KKM.

Letter No.16444 dated 10-6-1946 from the Superintending Engineer, Irrigation Circle, Mysore, to the Chief Engineer for Irrigation in Mysore, Bangalore.

Generation of Electricity near the Moyar River by the Government of Madras.

With reference to your Memo No.2079/KSS dated the 3rd January 1946, forwarding copies of the correspondence with the Government of Madras relating to the above subject, I have the honour to invite kind reference to personal instruction during your camp at Mysore on 5-5-1946 and to state that the locality was inspected informally by the Assistant Engineer, Special Project Sub Division, Mysore, on 29th May 1946. A copy of the report explaining the details of the scheme - - received from the Assistant Engineer, together with a topo sheet extract is herewith enclosed for kind information.

It could be seen from the report furnished by the Assistant Engineer, that the only effect the projected Hydro-Electric scheme will have, in so far as it relates to Mysore ~~Mysore~~, is to reduce the discharge in the Moyar River to an extent of about 125 cusecs for a distance of about 5 miles along the Mysore-Madras boundary.

---

* COPY *

CHIEF ENGINEER FOR IRRIGATION.

SS.1/4.

Letter No.70 dated 4-6-1946 from the Assistant Engineer, Special Project Sub Division, Mysore, to the Superintending Engineer, Irrigation Circle, Mysore.

Generation of Electricity by the Government of Madras near the Moyar River.

As instructed in your Memo No.15414/4 dated 10th May 1946 directing me to inspect the locality informally and to report on the above scheme, I have the honour to report that I inspected the locality on the 29th May 1946.

The Pykara power house is situated at the foot of the hills about 4 miles to the S.W.of Masingudi village. The tail race water from this power house now enters a halla and then enters the Moyar River, along the stream marked A.B.(in the topo sheet extract enclosed) before the River Moyar reaches the Mysore boundary. The total flow passes through the Moyar River along its 16 miles length forming the boundary of Mysore State. In this reach the country is very rugged, and the sides of the river are steep. From a study of the topo sheet, it can be seen that the flow of this stream cannot be made use economically for irrigation. The possibility or otherwise of developing hydro-electric power has to be settled after investigation.

Under the Moyar Power Scheme, the Madras Government have proposed to divert the water of the tail race of the Pykara power station to a stream marked C.D. in the topo sheet extract. A balancing reservoir of about 20 M.C.Ft. capacity will be constructed, near Masingudi village. The water from this reservoir will be conveyed in an open channel for about 4 miles and then it will be conveyed through penstock pipes to the generation to be erected on the right bank of the River Moyar. After generating power, the water is let in to the River. By this arrangement, the discharge in the River Moyar is reduced to the extent of the discharge in the tail race of the Pykara Power Station for a distance of about 5 miles. It is learnt that this discharge is about 125 cusecs.

The position of several works are roughly noted in the topo sheet extract enclosed. The original papers accompany.

---

* COPY *

M Narasimha

CHIEF ENGINEER FOR IRRIGATION.

SS.1/4.

1/4.

No.EDS.3852-4/Elecl 308-45-21
Dt. 8-5-1947

DRAFT FOR APPROVAL.

38

To

The Secretary to the Hon'ble
the Resident in Mysore, Bangalore.

Sir,

Generation of Electric power by the Govt. of Madras near the Moyar river.

I am directed to refer to your letter No.R.F. 534-45/Pol. dated 21st Jany.1947, forwarding a copy of letter No.3970-E/46-6 dated 9th Jany.1947 of the Govt. of Madras on the above subject, and to request that the Govt. of Madras be addressed to kindly supply this Govt. the available statistics regarding the flow in the Moyar river at the diversion weir before and after the construction of the Mukurthi Reservoir and the inflow into this Reservoir.

It is observed from para 2 of the letter of the Govt. of Madras that they "propose to proceed with the Moyar construction works as they are already in progress." I am to state, in this connection, that this Govt. considers that when negotiations between the two Governments are still in progress, this Govt. should have been consulted and their prior consent obtained before taking up the construction works. A kind reference is invited to this office letter No.EDS.434/Elecl. 308-45-15 dated 15th August 1946. I am to add that the unilateral action proposed by the Govt. of Madras ignores the natural rights of this Govt. in the matter. The Govt. of Madras may, therefore, be requested not to proceed with the works further until a final decision is arrived at regarding the respective rights of the two Governments.

Flag 'P'

I have, etc.,

Secretary to Government,
Electrical Department.

OFFICE OF THE MINISTER FOR AGRICULTURE AND PUBLIC WORKS
24 ... 1947
No. 8156

132) Subts. for approval:
Min. Rev. & Dewan.) RR. 24/4/47 133)

25. APR. 1947
7790

Dewan) 134) ARR. 24/4/47 135)
3074 RR 7/5/47 7.5.47

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

General and Revenue Secretariat.

No. EDS 3852/Elect 308-45-21 *Dated Bangalore,* 8th May 1947

FROM

The Secretary to the Government of His Highness the Maharaja of Mysore.

To

Electrical Department, Bangalore.

The Secretary to the Hon'ble
the Resident in Mysore,
B a n g a l o r e.

Subject:- Generation of Electric Power by the Government of Madras near the Moyar river.

S i r,

I am directed to refer to your letter No.L.S.534-45/Pol. dated 21st January 1947, forwarding a copy of letter No.3970-E/45-dated 9th January 1947 of the Government of Madras on the above subject, and to request that the Government of Madras be addressed to kindly supply this Government the available statistics regarding the flow in the Moyar river at the diversion weir before and after the construction of the Mukurthi Reservoir ~~and~~ and the inflow into this Reservoir.

It is observed from para 2 of the letter of the Government of Madras that they "propose to proceed with the Moyar construction works as they are already in progress." I am to state in this connection, that this Government considers that when negotiations between the two Governments are still in progress, this Government should have been consulted and their prior consent obtained before taking up the construction works. A kind reference is invited to this office letter No.EDS.434/Elect.308-45-15 dated 15th August 1946. I am to add that the unilateral action proposed by the Government of Madras ignores the natural rights of this Government in the matter. The Government of Madras may, therefore, be requested not to proceed with the works further until a final decision is arrived at regarding the respective rights of the two Governments.

I have the honour to be,
S i r,
Your most obedient servant,

Sd. H. Ramakrishna,
Secretary to Government,
Electrical Department.

/.../.8th

Memo No.EDS. 3852/Elect 308-45-21 Dated Bangalore, 8th May 1947

Copy of the above, is forwarded, with compliments, to the Chief Electrical Engineer, for information with reference to his

WD

his letter No.23603 dated the 14th February 1947.

Sd. R. Ramakrishna
Secretary to Government,
Electrical Department.

memo No.EDS.3854/Elec1308-45-21 Dated Bangalore, 8th May 1947

Copy of the foregoing, is forwarded, with compliments, to the Chief Engineer for Irrigation in Mysore, Bangalore, for information with reference to his C.C.Memo No.2088/S dated 5th April 1947.

OC RR. 8/5/47

Secretary to Government,
Electrical Department.

Elcl. 308-45-22.

No. RF.534-45/Pol. 41

From

The Secretary to the Hon'ble the Resident in Mysore,

To

The Secretary to the Government of Madras,
Public Works Department, Madras.

Dated Bangalore 19th May, 1947.

Generation of electric power by the Government of Madras near Moyar River.

Sir,

I am directed to refer to the correspondence ending with your letter No. 3970 E/46-6, dated the 9th January, 1947, and to forward a copy of letter from the Government of His Highness the Maharaja of Mysore, Electrical Department, No. Eds. 3852/Elcl.308-45-21, dated the 8th May, 1947.

2. I am to request that further correspondence in the matter may kindly be addressed direct to the Government of His Highness the Maharaja of Mysore. No copies of the correspondence need be sent to this Residency.

I have the honour to be,
Sir,
Your most obedient servant,

P. Ramanujam

for SECRETARY TO THE RESIDENT.

SECRETARY TO GOVERNMENT
No. 6 U.C
Date 19/5
ELECL. & RAILWAY DEPTS.

Copy forwarded to the Secretary to the Government of His Highness the Maharaja of Mysore, Electrical Department, for information.

ELECTRICAL WORKS SECRETARIAT
RECD: NO: E:D. S.
DATE 2271
19-5-1947.
BANGALORE

Mrs/

19.5.47

19.5.47

Rel 308-45-13

42

SECRETARY TO GOVERNMENT
No. E.
Date 15.9.47
ELECL. & RAILWAY DEPTS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

...

Letter No.3970 E/46-9.

From

T.A. VARGHESE, Esq., I.C.S.,
Secretary to Government.

To

The Electrical & Railway Secretary to the Government
of Mysore, Bangalore.

Dated, Fort St. George, the 9th September 1947.

Sir,

Sub:- ELECTRICITY - GENERATION OF ELECTRIC POWER BY GOVERNMENT OF MADRAS NEAR MOYAR RIVER.

...

Ref : Letter No. RF.534-45/Pol dated 19-5-47 from the Secretary to the Hon'ble the Resident in Mysore.

I am directed to state that the information called for in para 1 of your letter No. EDS/3852/Elecl. 308-45-21 dated 8--5--47 will be furnished shortly.

2. As regards para 2 of your letter, I am to state that, as mentioned in the previous correspondence, no rights of the Mysore Government will be ignored. Orders for all the Power House Machinery, pipes, and penstocks have been placed already by this Government and work on the manufacture of pipes is in hand. The Machinery will be delivered in the course of 1948. In the meanwhile, civil engineering work on the diversion weir, Maravakandi Dam and Flume and forebay is in progress. It is therefore not possible or practicable to suspend the work at this stage. In the circumstances, I am directed to request that the Mysore Government may kindly state precisely what their objections are.

Your obedient servant.

ELECTRIC - WORKS SECRETARIAT
Rec'd. No. E.D. & 518
DATE 16/9/1947
BANGALORE

T. V. Varghese
for Secretary to Government.

TSS/11-9-47.

16/9.

Rf. 159.47

15.9.47

CCTE MENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

...

Letter No.3970 A/46-2.

From

T.A. VARADACHARI, Esq., I.C.S.,
Secretary to Government.

To

The Electrical & Railway Secretary to the Government
of Mysore, Bangalore.

Dated, Fort St. George, the 9th September 1947

Sir,

Subject: ELECTRICITY - GENERATION OF ELECTRIC POWER
BY GOVERNMENT OF MADRAS MEAR MOYAR RIVER.

...

Ref : Letter No. RF.534-45/701 dated 19-5-47 from the
Secretary to the Hon'ble the Resident in Mysore.

...

I am directed to state that the information called for in para 1 of your letter No. EDS/3852/Elect. 308-45-21 dated 8--5--47 will be furnished shortly.

2. As regards para 2 of your letter, I am to state that, as mentioned in the previous correspondence, no rights of the Mysore Government will be ignored. Orders for all the Power House Machinery, pipes, and penstocks have been placed already by this Government and work on the manufacture of pipes is in hand. The Machinery will be delivered in the course of 1948. In the meanwhile, civil engineering work on the diversion weir, Maravakandi Dam and Flume and forebay is in progress. It is therefore not possible or practicable to suspend the work at this stage. In the circumstances, I am directed to request that the Mysore Government may kindly state precisely what their objections are.

Your obedient servant,

for Secretary to Government.

EDS/II-9-47.

I
43

Appendix F. G.—1]

SUBJECT..... Generation of Electric power by Govt. of Madras near Mayar River.

Section Elect

File No. 308-45.

Serial No. 24.

Diary No. of letter replied to.....

No. 6Ds 919/El

General and Revenue Secretariat

( )

" 194 .

To.

The Secretary to Govt,
P.W.D.,
Madras.

Date of issue..... 27/9/47

Signed by... Mr. R.R. .....

Sir,

With reference to your letter No. 3970 E./46-9 dated the 9th September 1947 on the above subject, I am directed to request that the particulars required in Para(1) of this office letter No. EDS 3852/Elect. 308-45-2 dated the 6th May 1947 may kindly be furnished as soon as possible.

List of enclosures..... to getter with the particulars re the rainfall in these catchment areas referred to in your letter No. 3970 E/46-6

Copied by... dated 9th January '47)

Examined by.....

I have etc

RR 25/9/47

Secretary to Govt.,
Electrical Dept.

JB 24/9 Rec 24.9.47

..WD 0874—GPB—25,000—20 11-45

44

No. E.D.S. 919 /El 308-45-24
Encls.

ELECTRICAL SECRETARIAT,

Bangalore, dated 27th September 1947.

FROM

The Secretary to the Government of Mysore,
Electrical Department,
Bangalore.

To

The Secretary to Government,
Public Works Department,
MADRAS.

Subject:- Generation of electric power by Government of Madras near Moyar river.

S i r,

With reference to your letter No.3970 E/46-9 dated the 9th September 1947 on the above subject, I am directed to request that the particulars required in para (1) of this office letter No.EDS.3852/Elecl.308-45-21 dated the 8th May 1947 together with the particulars re. the rainfall in these catchment areas referred to in your letter No.3970 E/46-6 dated 9th January 1947 may kindly be furnished as soon as possible.

I have the honour to be,
S i r,
Your most obedient servant,

RR 27/9/47
Secretary to Government,
Electrical Department.

A.N.25th

45 II

Appendix F. G.—1]

SUBJECT Generation of Electric power by Govt. of Madras near Mujar River

Section Elect
File No. 308-45
Serial No. 25

Diary No. of letter replied to.....

No. 920/El

General and Revenue Secretariat

( )

the 194

To.

The Chief Electrical Engineer,
Bangalore

Date of issue 27/9/47

Signed by M.V. R.R

Sir,

With reference to correspondence ending with your letter No. 23605 dated the 14th February 1947 on the above subject, I am directed to forward herewith, for favour of your perusal, ~~in connection with the above cited letter~~ a copy of letter No. 3970 E./46-4 dated the 9th September 1947 received from the Secretary to Govt. P.W.D., Govt. of Madras and to request that particulars called for in this office letter No. EDS 3852 d 8th May '47 together with particulars of rainfall in the catchment areas referred to in their above letter.

List of enclosures.....

Copied by.....

The Govt. of Madras have been requested to furnish the particulars called for

I have etc

Examined by.....

Secretary to Govt.
Electrical Dept.

24.9.47

P.T.O

WD 0874—GPB—25,000—20 11-45

Wb

Copy wc (with a copy of the Madras Govt.'s letter) to the C.E.D. for information and favour of his views in the matter

B.O.

Cl 25/9

Secretary to Govt
Electrical Dept

18 24/9

47

No. E.D.S. 920/El 308-45-25
Encls.

ELECTRICAL SECRETARIAT,

Bangalore, dated ....27th September 1947.

FROM

The Secretary to the Government of Mysore,
Electrical Department,
Bangalore.

To

The Chief Electrical Engineer
to the Government of Mysore,
Bangalore.

Subject:- Generation of electric power by Government Madras near Moyar river.

S i r,

With reference to correspondence ending with your letter No.23608 dated the 14th February 1947 on the above subject, I am directed to forward herewith, for favour of your views, a copy of letter No.3970 E/46-9 dated the 9th September 1947 received from the Secretary to Government, Public Works Department, Government of Madras.

The Government of Madras have been reminded to furnish the particulars called for in this office letter No.EDS.3852 dated 8th May 1947 together with particulars of rainfall in the catchment areas referred to in ~~the~~ their above letter.

I have the honour to be,
S i r,
Your most obedient servant,

Sd. R. Ramakrishna,

Secretary to Government,
Electrical Department.

A.F.25th

Memo No.EDS. 921/El Dated Bangalore, 27th September 1947

Copy of the above (with a copy of the Madras Government's letter) is forwarded with compliments to the Chief Engineer for Irrigation in Mysore, for information and for favour of his views in the matter.

By Order

O/C. RR 27.9.47

Secretary to Government,
Electrical Department.

A.N.

Excel 308-45-26 - 28

TELEPHONE No. 2110.

IN REPLY REFER TO No. 10450. ENCLO.

TELEGRAPHIC ADDRESS:
"GOMED"

CODES USED
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE.

SECRETARY TO GOVERNMENT No. Elec 4110 Date 4/10 ELECL. & RAILWAY DEPTS.

GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER

Bangalore, 1st October ..... 19 47.
(MYSORE, S. INDIA.)

4/10 4/10.47

ELECTRICAL WORKS SECRETARIAT. RECD. TO E.D.S. 634 DATE 15 October 47 BANGALORE

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

Mr. UD 10/10/47

Sir,

Subject:- Generation of electric power by Government of Madras near Moyar river.

With reference to your letter No.EDS-920/El.308-45-25 dated the 27th ultimo, forwarding a copy of the letter received from the Secretary to Government, Public Works Department, Government of Madras, on the above subject, I have the honour to invite your kind reference to the last para of my letter No.25608 dated 14th February 1947.

In view of the fact that the Government of Madras give an assurance that no rights of the Mysore Government will be ignored, they may perhaps be permitted to proceed with the construction of the scheme, subject to the condition that when our rights are established, after necessary information called for is received, they will either reduce the power generation to the extent permissible or pay such compensation as may be fixed for the utilisation of the portion of the water that rightfully belongs to the Government of Mysore.

I have the honour to be,
Sir,
Your most obedient servant,

MH-CSC.

Chief Electrical Engineer.

Ele. 308-45-27

Government of Madras.
Public Works Department.

...

ELECTRICAL WORKS SECTARIAT
REGD. NO. EC. 745
DATE 30/10/47
BANGALORE

SECRETARY TO GOVERNMENT
No. 611
Date 30/10/47
ELECL. & RAILWAY DEPTS.

Letter No.3970-E/46-11 Fort St. George, Madras Dated 16th October 1947.

From

T. A. Varghese, Esq., I.C.S.,
Secretary to Government.

To

The Secretary to the Government of Mysore,
Electrical Department, Bangalore.

Sir,

Sub:- Generation of electric power by Government of Madras near Moyar river.

Ref:- Your No.EDS.919/El.308-45-24 dated 27th September, 1947.

...

I am directed to forward herewith a statement of monthly run off of the Pykara river at the Diversion weir for 5 years preceding the completion of the Mukurti Dam and for the years following it upto April 1947. The Mukurti Dam was completed in June 1938 and the run off at Mukurti since then is also given. A sketch indicating the location of the gauging points is enclosed.

2. A further communication will be sent regarding the particulars of rainfall in the catchment areas.

Your obedient servant,

T. V. Narasan
for Secretary to Government.

pvr.20.8

Letter No.3970-E/46-11 dated the 16th October 1947 from the Secretary to Government, Public Works Department, Madras to the Secretary to Government, Electrical Department, Bangalore.

Subject:- Generation of electric power by Government of Madras near Moyer river.

Reference:- Your No.EDS.919/Elecl.308-45-24 dated 27th September 1947.

I am directed to forward herewith a statement of monthly run off of the Pykara river at the Diversion weir for 5 years preceding the completion of the Mukurti Dam and for the years following it up to April 1947. The Mukurti Dam was completed in June 1938 and the run off at Mukurti since then is also given. A sketch indicating the location of the gauging points is enclosed.

2. A further communication will be sent regarding the particulars

of

51

of rainfall in the catchment areas.

Memo No.EDS. 1320 / one Statement & one Blue Print
Eled 308-45-28 Dated Bangalore, 15th November 1947

Copy of the above(along with its enclosures in original) is forwarded with compliments to the Chief Electrical Engineer for favour of his remarks in consultation with the Chief Engineer for Irrigation.

By Order,

Sd. R. Ramakrishna,
Secretary to Government,
Electrical Department.

A.N.14th

Memo No.EDS. 1321

Dated Bangalore, 15th November 1947

Copies of the above are forwarded with compliments to the Chief Engineer for irrigation in Mysore for information and necessary further action in the matter.

By Order,

RR. 15.11.47

Secretary to Government,
Electrical Department.

A.N.14th

Ele 308-45-29 52

TELEPHONE No. 2110
No. 17846.
ENCLO.
TELEGRAPHIC ADDRESS:
'GOMED'

SECRETARY TO GOVERNMENT
No. Ele
Date 16/12
ELECL. & RAILWAY DEPTS.

GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER,
Bangalore, 10th Decr. 1947
(MYSORE STATE, INDIA.)

Rec 16/12
Rec 10.12.47

ELECTRIC WORKS SECTION
DATE 11/12/47
BANGALORE

The Secretary to Government,
Electrical Department,
BANGALORE.

Sir,

Subject:- Generation of Electric Power by Government of Madras near Moyar River.

With reference to correspondence ending with your Memo No.1320 dated the 15th November 1947 on the above subject, I have the honour to state that I have discussed the matter with the Chief Engineer for Irrigation, and I note below our views in this behalf.

The Government of Madras, in their letter No.3970/E/46-9, dated 9th September 1947, have stated that orders for all the Power House Machinery, Pipes, etc., have already been placed by them, and the manufacture of Penstock is also stated to be in hand. They are proceeding with the Civil Engineering Works on the Weir and Dam, etc., in order to make use of the machinery that is expected to be received during the course of 1948. Under the circumstances they may be permitted to proceed with the construction of the scheme subject to the condition that when our rights are established they will either reduce the power generation to the extent permissible or pay such compensation as may be fixed for the utilisation of the portion of the water that rightfully belongs to the Government of Mysore.

Further, the Government of Madras may be informed that in the scheme under consideration, the natural flow of a river which forms the boundary between Madras and Mysore is interfered with and before this scheme was put through it was but right that the Government of Madras had consulted the Government of Mysore and obtained their consent before proceeding with the Project. This omission may be brought to their notice, so that in future flow of streams forming boundaries between Madras and Mysore may not be interfered with before the consent

P.T.O.

of the Government of Mysore is obtained as has been done in this particular instance.

I have the honour to be,
Sir,
Your most obedient servant,

Sd.- M.Narasimhaiya,
10-12-47.
Chief Engineer for Irrigation.

Chief Electrical Engineer. 10/12

Appendix F. G.—1]

SUBJECT Generation of Electric Power by the Govt. of Madras near Hoyar River.

Section Elect

File No. 308-45.

Diary No. of letter replied to.....

Serial No. 36.

No. EDS 1639

General and Revenue Secretariat

( )

the 194 .

To.

The Chief Electrical Engineer
Bangalore

Date of issue 15th December 47

Signed by Mr. R. Ramakrishna.

Sir,

With reference to correspondence ending with your letter No 17846 dated the 10th December 1947 on the above subject, I am directed to request that the enclosure forwarded with this office Memo No EDS 1320/Elect. 308-45-28 dt/15/11/47 may kindly be returned early.

I have etc

RR
13/12/47

for Secretary to Govt.
Elect Dept

List of enclosures Nil

Copied by 13/12

Examined by

WD 0874—GPB—25,000—20-11-45

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

No. EDS 1639/Elecl 308-45-30 — General and Revenue Secretariat

Bangalore, Dated, 15th December 1947

From

The Secretary to the Government of His Highness the Maharaja of Mysore.

To

Electrical Department, Bangalore.

The Chief Electrical Engineer
to the Government of Mysore,
Bangalore.

Subject:- Generation of Electric Power by the Government of Madras near Moyar river.

S i r,

With reference to correspondence ending with your letter No.17846 dated the 10th December 1947 on the above subject, I am directed to request that the enclosures forwarded with this office Memo No.EDS.1320/Elecl.308-45-28 dated 15th November 1947 may kindly be returned early.

I have the honour to be,
S i r,
Your most obedient servant,

RR 15/12/47
Secretary to Government,
Electrical Department.

A.N.13th

Statement Showing the Monthly Runoff in Million Cubic Feet of
(1) Pykara river at Diversion weir (catchment area 42 square miles including Mukurti catchment.)
(2) Mukurti river at weir site, (catchment area 9.7 square miles.) For the years 1933 - 1947

	1933-34	1934-35.	1935-36	1936-37	1937-38	1938-39.	1939-40-		1940-41.		1941-42.		1942-43.		1943-44		1944-45		1945-46		1946-47.	
	R.O.of pykara at D.weir in M.C.ft.	R.O.of Pykara at D.weir in M.C.ft.	R.O.of pykara at D.Weir in M.C.ft.	R.O.of Pykara at D.weir in M.C.ft.	R.O.of pykara at D.weir in M.C.ft.	R.O.of pykara at D. weir in M.C.ft.	R.O.of Mukurti at Dam in M. c.ft.	R.O.of pykara at D. weir in M.C.ft.	R.O.of Mukurti at Dam in M. c.ft.	R.O.of pykara at D. weir in M.C.ft.	R.O.of Mukurti at Dam in M. c. ft.	R.O.of pykara at D. weir in M.c.ft.	R.O.of Mukurti at Dam Site in M.c.ft.	R.O.of pykara at D.weir in M.c.ft.	R.O. of Mukurti at Dam Site in M.C.ft.	R.O.of Pykara at D. weir in M.c.ft.	R.O.of Mukurti at Dam site in M.c.ft.	R.O.of pykara at D. weir in M.c.ft.	R.O.of Mukurti at Dam Site in M.C.Ft.	R.O.of pykara at D. weir in M.c.ft.	R.O.of Mukurti at Dam Site in M.c.ft.	R.O.of pykara at D. weir in M.c.ft.	R.O.of Mukurti at Dam site in M.c.ft.
April.	70.68	57.66	68.38	68.12	118.96	53.93		51.64	19.08	73.10	31.54	43.41	15.87	75.53	45.68	63.92	13.21	65.36	37.68	37.59	Nil	51.35	25.47
May.	410.74	78.10	60.00	246.71	85.79	62.58		43.08	17.76	112.57	42.76	135.12	70.56	94.51	41.16	442.19	205.16	45.60	23.38	70.76	33.45	83.65	77.95
June.	2475.62	877.19	224.86	2478.89	461.70	890.96	555.32	595.10	329.16	2349.33	1187.44	1628.12	780.33	1476.95	768.37	1279.64	697.26	673.26	363.52	607.53	344.90	1343.10	723.69
July.	2610.06	1960.07	2217.45	2748.47	3141.86	2043.15	943.93	3325.32	1653.37	3240.52	1532.56	3283.23	1389.78	3780.07	1830.71	4196.82	1812.01	2427.31	1190.06	2777.58	1285.46	2773.85	1589.18
August	3187.99	1876.00	1159.70	1732.50	1578.69	1161.19	572.37	2854.25	1301.22	2609.48	1134.20	2409.95	1279.75	1908.58	836.43	907.66	386.75	835.98	339.23	906.19	448.170	3279.35	1486.12
September	2048.11	472.86	1673.83	589.46	485.92	816.31	381.60	742.66	254.70	542.11	161.49	809.25	388.04	963.89	357.73	1435.99	505.99	464.13	146.52	488.08	230.33	892.77	298.57
October	965.52	365.19	526.24	956.21	1342.81	901.62	424.63	654.57	251.64	337.87	110.80	461.77	176.49	467.22	157.36	885.94	216.28	393.77	123.17	390.62	141.04	467.83	130.57
November	370.60	329.23	250.20	401.09	371.36	222.36	76.28	1104.54	203.30	492.38	149.25	256.54	69.07	213.25	60.05	393.34	94.77	355.00	90.02	328.64	97.97	640.23	135.29
December	218.63	159.98	156.21	185.41	214.66	145.05	11.91	297.32	70.13	251.84	59.57	374.42	80.76	156.30	42.75	187.76	35.65	229.06	42.63	150.50	34.46	448.190	91.96
January	173.49	108.04	101.18	116.48	112.50	89.67	25.32	150.34	48.81	141.32	39.97	119.22	32.56	224.24	52.24	134.78	27.33	109.79	22.17	84.11	28.49	173.76	33.68
February	96.63	73.69	70.40	82.29	77.56	60.19	28.50	94.42	47.84	84.56	33.78	80.65	33.53	80.74	41.30	89.97	14.22	83.68	30.52	52.02	28.54	93.31	14.74
March.	70.96	58.41	70.85	82.84	55.87	47.80	12.76	58.40	30.78	51.80	24.85	46.36	16.59	46.95	19.36	87.46	35.20	36.46	Nil	56.46	26.89	68.19	9.90

NOTE:- 1. The R.O.figures of Pykara include the flow from the Mukurti catchment also.
2. The R.O.figures of Mukurti are calculated from the reservoir levels at the beginning and end of each month, and the flow at the measuring weir below the reservoir which is let down according to power requirements.

True copy

T. Mathanandam
Superintending
P.W.D.

57

Appendix F. G.—1]

SUBJECT.....

.....

.....

Section Elec

File No. 308-45

Serial No. [redacted]

Diary No. of letter replied to.....

No. EDS 1768

General and Revenue Secretariat

( )

the 194

To.

The Secy to the Govt of Madras

P. W.D

Madras

Date of issue 6th January 1948

Signed by Mr. R. Ramakrishna

Sir:-

With refce to the correspondence ending with your letter No 3970-E/46-1 dated the 16th October 1947 furnishing certain information in connection with the generation of electric power by the Govt of Madras near Mayar River, I am directed to request you to kindly furnish particulars of rainfall in the Catchment area as promised in Para (2) of your letter under adverted

List of enclosures Nil

Copied by

5/1

Examined by

I have the

5/48

Secy to Govt

Elec Deptt

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

General and Revenue Secretariat,

No. EOS.1768/Elec 308-45-6 *Dated, Bangalore,* 6th January *194* 8

FROM

The *Secretary to the Government of*
His Highness the Maharaja of Mysore.
Electrical Department, Bangalore.

To

The Secretary to the Government
of Madras, Public Works Department,
MADRAS.

S i r,

With reference to the correspondence ending with your letter No.3970-E/46-11 dated the 16th October 1947 furnishing certain information in connection with the generation of electric power by the Government of Madras near Moyar River, I am directed to request you kindly to furnish particulars of rainfall in the catchment areas as promised in para (2) of your letter under advertence

I have the honour to be,
S i r,
Your most obedient servant,

O/C RR. 5/48
Secretary to Government,
Electrical Department.

A.N.5th

Elec 308-45-32 61

Government of Madras.
Public Works Department.
***

Lr. No.3970 E/46-19. Fort St. George, Madras, dated the 8th May 1948

From

T. A. Varghese, Esq., I.C.S.,
Secretary to Government.

To

The Chief Secretary to the Government of Mysore,
BANGALORE.

Sir,

Electricity - Generation of electric power by Government of Madras near Moyar River.

Madras Government's letter No.3970 E/46-15, dated 13.1.48.

...

I am directed to forward herewith statements showing the monthly rainfall for Mukurti and Pykara basins from 1938 to 1947 and a blue print showing the location of the rainfall stations.

Your obedient servant,

for SECRETARY TO GOVERNMENT.

lvm/-13.5.

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*)

EDS 4317 filed 308-45=33. Immediate
8/22-6-48 Enclosures. 62

Subject :- Generation of electric power by the Govt of Madras near Mayar river.

To

The Chief Engineer for Irrigation Bangalore.

Sir,

With reference to your D.O. Dam. No. 4151 dated the 1st April 1948 on the above subject, I am directed to forward herewith statements (in original) showing the monthly rainfall for Hosuru and Pykara basins from 1938 to 1947 and a blue print showing the location of the rainfall stations and to request that your views on the

Cells 4/6.

WD 6868 - GPE—5,000—9-8-47

matter may kindly be furnished very early.

I have the

honour

21.6.98

to be

Sir

Your most obedient

Servant

Secretary to Govt

Med. Dept.

19/6

DS

Immediate

69

EDS 4317/Elect 308-45-33 22nd June 8

Encls; one blue print
Two Rainfall Statements.

The

Electrical Department, Bangalore.

To

The Chief Engineer for Irrigation
in Mysore, Bangalore.

Subject:- Generation of electric power by the Government of Madras near Moyar river.

S i r,

With reference to your Unofficial Memo No.4151 dated the 1st April 1947 on the above subject, I am directed to forward herewith statements (in original) showing the monthly rainfall for Mukurti and Pykara basins from 1938 to 1947 and a blue print showing the location of the rainfall stations and to request that your views in the matter may kindly be furnished very early.

I have the honour to be,
S i r,
Your most obedient servant,

22.6.47
for Secretary to Government,
Electrical Department.

A.N.21st

Elec 308-45-34 M

65

C[illegible] No. 45]

GOVERNMENT OF MYSORE

Tele gram / phone

No. 6981/S
Encls.

GENERAL & REVENUE SECRETARIAT
No 1208
19 OCT 1948
ELECTRICAL BRANCH

OFFICE OF
the Chief Engineer for Irrigation
in Mysore, Bangalore.

Date 16/10/48

To

The Secretary to Government,
Electrical Department, Bangalore.

Elec
Date 18/10

Sir,

Subject:- Generation of electricity by the Government of Madras near the Mayar river.

Reference:- EDS.4317/Elec. 308-45-33 dated 22nd June 48 and D.O. No. EDS. 778 dated 1st Septr. 1948.

With reference to your letters regarding the above, I write to inform that from the rainfall statistics furnished it is seen that there is considerable variation in the intensities of rainfall in the catchment. It is higher in the area intercepted than in the lower portions as such the contention put forth by the Madras Government in their letter No. 3970/E dated 9-1-1947 that the flow utilised by them for the scheme is less than half at the boundary cannot be accepted without measuring the quantity of water at the commencement of the boundary as also flow diverted.

The run off statistics furnished will not give clear indication of the quantity flowing at the boundary and the flow diverted. Under these circumstances it is felt that gaugings may have to be conducted to determine the flow at the boundary point.

Further it may kindly be intimated whether any communication was made to Madras Government based on the letter No. 17846-7 dated 10-12-1947 from the Chief Electrical Engineer to your address. Copy of reply if any received may kindly be sent for information.

Yours faithfully,

Chief Engineer for Irrigation.

ksr)

Recd. in the Branch on 19/10/48.

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form*).

66

MD EDS 1587/Elec 308-45-35
Dt 5/11/48

Subject - Generation of electricity by the Govt of Madras near the Moyar River

To

The Chief Engineer for Irrigation,
Bangalore

Sir,

With reference to your letter No. 698/S dated the 6th October 1948 on the above subject, I am directed to request that the enclosures forwarded with this office letter No. EDS 4317/Elec 308-45-33 dt 22/6/48, may kindly be returned to enable further action being taken in the matter.

Yours faithfully,

for
Secretary to Govt
Elec Dept

WD 03697—GPB—30,000—2-2-46

4/11

Dtd 25/10 24/10

67

No.EDS 1587/Elecl 308-45-35

5 November 1948

The

Electrical Department, Bangalore.

To

The Chief Engineer for Irrigation
in Mysore, Bangalore.

Subject:- Generation of electricity by the Government of Madras near the Moyar River.

S i r,

With reference to your letter No.698/S dated the 6th October 1948 on the above subject, I am directed to request that the enclosures forwarded with this office letter No.EDS.4317/Elecl.308-45-33 dated 22nd June 1948, may kindly be returned to enable further action being taken in the matter.

Yours faithfully,

for Secretary to Government,
Electrical Department.

A.N.4th

Elect 308-45-36.

C. F. No. 46]

GOVERNMENT OF MYSORE

No. 8855

Encls. Two Statements & one Rough print.

OFFICE OF The Chief Engineer for Irrigation in Mysore, Bangalore.

Date 11/11/48.

To

The Secretary to Government,

Electrical Department, Bangalore.

Sir,

Generation of electricity by the Government of Madras near the Moyar River.

With reference to your letter No. EDS. 1587/Elec. 308-45-35 dated 5th November 1948, on the above subject, I write to return herewith the three enclosures received with your letter No. EDS.4317/Elecl.308-45-33 dated 22nd June 1948.

Yours faithfully,

Chief Engineer for Irrigation.

ksr-11)

GENERAL & REVENUE SECRETARIAT No 1432 16 NOV 1948 ELECTRICAL BRANCH

RAINFALL STATISTICS OF STATIONS IN MUKURATI BASIN FROM 1938 to 1947

Year	Month	Mukurti ridge top	Terrace Estate	Mukurti Lower	Mukurti office	Remarks.
1	2	3	4	5	6	7
1938	Jan.	-	-	0.16	-	
	Feb.	0.19	0.06	0.18	0.03	
	March	0.59	0.12	0.31	0.30	
	April	1.39	2.76	2.07	2.42	
	May	7.92	3.26	2.95	0.42	
	June	67.38	24.84	19.59	15.86	
	July	57.31	35.09	25.65	22.89	
	August	39.72	16.62	12.32	11.47	
	Septr.	31.18	12.92	7.95	7.19	
	Oct.	13.35	5.73	5.07	4.24	
	Nov.	5.28	1.49	1.21	0.85	
	Dec.	0.66	0.72	0.98	0.52	
1939	Jan.	0.54	0.35	0.82	0.52	
	Feb.	0.21	0.17	0.41	0.23	
	March	0.52	0.83	0.35	0.26	
	April	2.83	3.79	2.28	3.00	
	May	2.46	1.62	0.82	1.01	
	June	49.63	18.00	7.78	10.40	
	July	108.93	37.14	25.59	35.65	
	Aug.	88.08	27.01	15.07	20.91	
	Sept.	14.09	9.03	5.21	7.09	
	Oct.	15.85	12.33	6.85	11.12	
	Nov.	5.07	12.95	5.40	7.80	
	Dec.	-	0.92	0.03	-	
1940	Jan.	0.28	0.06	0.06	0.02	
	Feb.	-	-	-	-	
	March	-	-	0.01	-	
	April	7.08	5.36	3.26	4.35	
	May	5.85	7.82	4.96	5.45	
	June	72.27	41.79	28.33	36.89	
	July	69.82	34.02	20.32	23.76	
	August	47.53	29.72	24.80	23.07	
	Sept.	6.83	5.98	3.72	3.33	
	Oct.	7.87	6.25	5.25	4.42	
	Nov.	8.58	9.85	8.83	9.18	
	Dec.	1.28	1.65	0.76	0.61	
1941	Jan.	0.27	0.84	0.67	0.38	
	Feb.	0.03	-	0-01	-	
	March	-	0.28	0.40	0.22	
	April	2.10	1.15	0.88	0.44	
	May	15.82	7.94	7.07	6.69	
	June	74.66	30.85	26.94	24.96	
	July	117.80	44.78	35.26	34.51	
	Aug.	87.19	30.58	23.90	21.01	
	Sept.	23.86	8.97	6.47	5.36	
	Oct.	10.48	5.76	4.37	3.73	
	Nov.	3.68	4.67	4.19	4.07	
	Dec.	3.58	9.59	4.24	4.21	
1942	Jan.	-	-	0.08	-	
	Feb.	0.01	-	0.04	-	
	March	0-01	-	0.04	-	

1	2	3	4	5	6	7
	March	0.90	0.56	0.68	0.49	
	April	3.93	4.78	4.51	4.42	
	May	3.31	2.55	1.12	0.79	
	June	44.64	17.49	11.21	10.97	
	July	102.70	32.39	16.57	24.83	
	August	46.37	23.36	18.21	17.22	
	Septr.	16.81	15.08	6.14	5.74	
	Octr.	7.33	10.38	5.98	5.30	
	Nov.	0.33	0.29	0.13	-	

Superintendent

RAINFALL STATISTICS OF STATIONS IN PYKARA BASIN FROM 1938 to 1947

Year	Month	Pykara	Kurrund	Kabal'robund	Windy corner	Perthikund	Parson's valley	[illegible]
1	2	3	4	5	6	7	8	9
1938	Jan.	0.03	0.0[illegible]	0.24	0.03	0.05	0.05	
	Feb.	0.39	0-12	0-80	0-04	0.14	0.14	
	March	1.20	0.41	1.31	0.31	0.27	0.34	
	April	4.04	1.59	3.23	2.63	0.98	1.29	
	May	2.42	3.03	4.26	2.75	1.93	2.12	
	June	10.20	11.70	11.41	3.58	12.91	8.30	
	July	13.43	15.33	17.42	6.51	16.93	14.04	
	Aug.	3.76	11.50	8.33	4.51	12.02	10.34	
	Sept.	5.50	6.36	3.14	3,74	3.85	3.17	
	Oct.	1.31	2.97	3.33	1.37	4.74	3.43	
	Nov.	0.73	1.00	0.71	0.38	0.99	0.69	
	Dec.	0.33	1.37	1.02	0.30	1.79	1.73	
1939	Jan.	0.95	0.38	1.43	0.76	0.34	0.36	
	Feb.	0.04	0.49	1.06	0.12	0.14	0.06	
	March	0.12Ø0/	0.58	1.96	0.77	0.21	0.37	
	April	2.14	0.52	5.00	2.68	2.20	1.80	
	May	0.21	1.57	3.51	3.96	4.32	1.94	
	June	7.23	9.00	9.07	5.06	11.42	3.08	
	July	17.36	21.12	25.15	10.58	37.65	21.52	
	Aug.	14.66	17.24	17.19	11.28	25.37	13.30	
	Sept.	5.69	4.52	7.82	3.71	6.60	3.62	
	Oct.	10.29	10.07	8.66	9.68	9.24	10.66	
	Nov.	19.17	7.64	12.19	15.73	6.75	7.25	
	Dec.	0.01	0.01	-	-	-	-	
1940	Jan.	0.04	0.03	-	-	-	-	
	Feb.	-	-	-	-	-	-	
	March	-	-	0.00	0.04	-	-	
	April	4.53	3.28	3.98	3.69	6.15	4.63	
	May	4.32	4.42	5.35	5.13	7.00	5.51	
	June	16.04	20.09	25.99	11.36	22.22	19.35	
	July	11.10	14.20	13.50	6.64	26.30	13.79	
	Aug.	13.57	14.74	14.92	6.47	23.15	12.89	
	Sept.	4.98	3.01	4.54	2.83	6.28	4.92	
	Oct.	3.31	2.32	5.20	4.13	5.29	5.61	
	Nov.	10.09	7.03	8.83	10.50	9.53	9.12	
	Dec.	1.56	1.02	1.43	1.40	1.04	1.32	
1941	Jan.	0.60	0.52	0.92	0.58	0.40	0.39	
	Feb.	0.10	0.01	0.13Ø	0.05	-	-	
	March	-	0.44	0.44	0.36	0.33	0.44	
	April	2.51	1.92	1.27	1.96	5.62	1.73	
	May	5.63	3.34	7.60	6.20	10.26	3.96	
	June	13.69	13.40	21.79	11.91	32.53	13.07	
	July	14.32	15.71	29.01	10.71	24.11	13.73	
	August	9.73	13.51	15.92	8.73	23.02	13.01	
	Sept.	5.40	5.21	8.39	8.70	9.15	7.02	

1	2	3	4	5	6	7	8	9
	Oct.	3.39	3.02	4.90	3.82	7.69	3.21	
	Nov.	4.00	2.85	5.41	5.30	4.06	4.03	
	Dec.	5.67	2.54	4.40	5.41	3.56	5.36	
1942	Jan.	0-02	-	-	0.01	-	-	
	Feb.	0.96	-	-	0.03	-	-	
	March	-	0.05	-	-	-	-	
	April	4.32	3.54	3.73	4.01	3.34	4.09	
	May	5.42	5.15	5.66	1.36	7.76	5.01	
	June	9.62	11.70	16.55	0.51	31.41	17.37	
	July	15.25	16.12	26.90	3.50	39.08	20.55	
	August	11.63	10.25	12.35	1.86	22.33	12.39	
	Sept.	3.32	4.52	5.40	1.56	6.36	4.38	
	Oct.	5.96	3.09	4.61	3.35	7. 75	3.75	
	Nov.	1.70	1.01	1.52	0.92	1.43	0.30	
	Dec.	2.62	1.57	2.13	2.22	2.84	2.35	
1943	Jan.	3.65	3.67	5.85	5.39	5.16	5.72	
	Feb.	0.10	0.21	0.34	0.40	0.75	0.32	
	March	0.47	0.19	0.30	0.39	0.59	1.05	
	April	4.56	2.69	4.34	4.08	4.72	4.01	
	May	8.11	6.92	10.18	8.77	13.74	11.42	
	June	5.90	3.93	8.51	4.01	11.38	7.79	
	July	19.39	13.35	29.09	14.74	33.16	21.93	
	August	5.37	3.33	6.77	4.15	9.06	4.32	
	Sept.	14.65	6.36	11. 03	8.67	9.63	15.14	
	Oct.	10.92	6.96	8.43	9.81	11.56	13.61	
	Nov.	2.69	2.36	2.16	2.13	2.25	2.77	
	Dec.	0.09	0.27	0.29	0.13	0.59	0.47	
1944	Jan.	0.77	1.20	1.42	1.34	2.31	2.13	
	Feb.	2.31	0.92	1.07	1.31	2.76	1.73	
	March	1.41	1.48	3.59	3.54	1.54	2.93	
	April	2.40	1.39	2.17	4.39	3.36	3.13	
	May	3.67	2.81	3.52	4.52	2.57	1.61	
	June	5.63	3.96	4.33	2.83	7.97	3.07	
	July	13.75	17.35	19.36	9.78	24.29	13.17	
	August	3.22	3.25	5.56	2.68	4.44	3.15	
	Sept.	4.92	6.51	5.68	5.75	12.69	7.81	
	Oct.	6.62	5.20	7.68	7.59	4.33	5.31	
	Nov.	5.09	7.44	7.17	7.31	4.94	9.40	
	Dec.	1.42	1.11	1.37	1.70	0.66	1.38	
1945	Jan.	0-09	0.09	0.27	0.21	0.35	0.43	
	Feb,	0.06	0.02	0.31	0.06	0.26ØØ	0.24	
	March	-	-	0.43	-	0.23	0.32	
	April	3.15	1.11	1.90	3.95	1.13	0.99	
	May	3.31	5.49	5.32	5.63	4.74	3.02	
	June	3.31	3.12	7.35	5.00	3.36	5.43	
	July	13.41	11.35	28.30	12.36	19.83	14.32	
	August	4.02	3.72	4.60	2.86	5.11	3.00	
	Sept.	2.41	2.41	4.10	1.43	4.41	3.13	
	Oct.	6.56	4.90	6.01	5.43	4.65	3.18	
	Nov.	5.41	3.13	3.63	5.93	3.68	3.11	

1	2	3	4	5	6	7	8
	Dec.	0.06	0.07	0.13	0.11	-	-
1943	Jan:	0.48	0.22	0.28	0.35	0.18	0.27
	Feb.	-	-	0.21	-	-	-
	March	1.35	2.70	3.70	3.51	3.35	1.21
	April	3.40	2.60	4.20	4.46	2.56	3.32
	May	2.17	3.63	5.43	2.30	3.26	5.23
	June	3.91	3.32	9.37	6.24	12.29	5.16
	July	10.72	7.35	8.15	6.05	12.76	7.79
	Aug.	16.79	17.18	13.43	9.92	26.32	11.23
	Sept.	8.26	8.62	8.45	6.96	8.73	7.20
	Oct.	5.54	5.78	6.10	7.63	5.16	6.23
	Nov.	9.37	5.97	7.36	10.72	7.75	7.43
	Dec.	5.23	4.04	4.43	6.02	8.39	5.47
1944	Jan.	0.25	1.08	0.81	0.51	1.54	1.19
	Feb.	0.08	0.03	-	0.07	0.02	0.02
	March	0.30	0.84	0.79	0.89	1.14	1.44
	April	3.51	3.58	4.82	3.23	5.45	4.83
	May	1.78	1.12	2.34	3.51	1.38	2.27
	June	7.35	6.42	5.23	4.94	12.77	7.61
	July	6.47	14.49	9.26	7.05	24.31	11.10
	August	12.53	15.02	12.89	10.81	23.02	15.11
	Sept.	3.91	3.95	4.07	3.90	4.56	3.53
	Oct.	7.80	6.47	5.47	8.85	5.74	7.20
	Nov.	0.09	0.54	0.25	0.09	0.40	0.3
	Dec.						

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*

No. EDS. 3727/ 76
/Elec 308-45-37.

Dated 6th April 49

Subject:- Electricity generation of electric power by the Govt. of Madras near Moyar River

To

The Secretary to Govt,
Govt. of Madras,
P. W. D.,
Fort St. George
Madras.

Sir,

With reference to the correspondence ending with your letter No. Lr. No. 3970 E./46-19 dated the 8th May 1948 on the above subject, I am directed to state that it is observed from your letter No. 3970/E./46-9 dated the 9th September 1947 that orders for all the Power House machinery,

WD 0186—GPB—15,000—6-9-34

Pipes, etc. have already been placed, the manufacture of penstocks is also in hand and that the Civil Engineering Works on the Weir & Dam etc. are being proceeded with. Under these circumstances the Govt. of Mysore are agreeable have no objection to the Govt. of Madras proceeding with this scheme, subject to the condition that when the rights of this Govt. are established the power generation will either be reduced to the extent permissible or pay such compensation as may be fixed for the utilisation of the portion of the water that rightly belongs to the Govt. of Mysore. This Govt also considers that in the scheme under ~~contemplation~~

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form.*

consideration, the natural flow of the river which forms the boundary between Madras and Mysore is interfered with and that before this scheme was put through it was but right that the Govt. of Mysore should have been consulted & their consent obtained to proceed with the works Project.

2. I am further to state that it is seen from rainfall statistics furnished by you that there is considerable variation in the intensities of rainfall in the catchment area Land that it is higher in the area intercepted than in

WD 0186—GPB—15,000—6-9-34

the lower portions. As such
your
the contention that the flow
utilised for the scheme is
less than half at the boundary
is not acceptable to this Govt.
without measuring the
quantity of water at the commencement of the
boundary as also the flow diverted.

The figures of statistics furnished
do not give clear indication
of the quantity flowing at the
boundary & the flow diverted
under these circumstances
it is considered that gauging stations the
representation of both the Govt & users
will have to be conducted
to determine the flow at the
boundary point.

I am therefore to request you to arrange the commencement of the Govt's observations for the above purpose in order to enable this Govt to arrive at a satisfactory solution of the problem now confronting both the Govt.

Yours faithfully,

Hon
4.4.29
Secretary to Govt
Irrigation Dept

1) Copy sent to the C.E.
2) Copy sent to the S & I

By order,

Hon
4.4.29
Secretary to Govt
Irrigation Dept

27/11

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

No.EDS 3727/Elec/348-45-37 General and Revenue Secretariat,

Dated Bangalore, 17th April 1948.

FROM

The Secretary to the Government of
His Highness the Maharaja of Mysore.
Electrical Department, Bangalore.

To

The Secretary to Government,
Government of Madras,
Public Works Department,
Fort St. George,
MADRAS.

SIR,

Subject: Electricity - Generation of electric power by the Government of Madras near Moyar river.

With reference to the correspondence ending with your letter No. Lr. No. 3970-E./46-19 dated the 8th May 1948 on the above subject, I am directed to state that it is observed from your letter No. 3970/E./46-9 dated the 9th September 1947 that orders for all the Power House Machinery, Pipes, etc. have already been placed, the manufacture of which is also in hand and that the Civil Engineering works on the weir and Dam etc. are being proceeded with. Under these circumstances, the Government of Mysore have no objection to the Government of Madras proceeding with this scheme, subject to the condition that when the rights of the Government are established the power generation will either be reduced to the extent permissible or pay such compensation as may be fixed for the utilisation of the portion of the water that rightly belongs to the Government of Mysore. This Government also consider that in the scheme under consideration, the natural flow of the river which forms the boundary between Madras and Mysore is interfered with and that before this scheme was put through it was but right that the Government of Mysore should have been consulted and their consent obtained to proceed with the Project.

2. I am further to state that it is seen from rainfall statistics furnished by you that there is considerable variation in the intensities of rainfall in the catchment area and that it is higher in the area intercepted than in the lower portions. As such your contention that the flow utilised for the scheme is less than half at the boundary is not

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acceptable to this Government without measuring the quantity of water at the commencement of the boundary as also the flow diverted. The run off statistics furnished do not give clear indication of the - quantity flowing at the boundary and the flow diverted. Under these circumstances, it is considered that gaugings through the representatives of both the Governments of Madras & Mysore will have to be - conducted to determine the flow at the boundary point.

3. I am, therefore, to request you to kindly obtain the - concurrence of the Government of Madras for the above proposal in order to enable this Government to arrive at a satisfactory solution of the problem now confronting both the Governments.

Yours faithfully,

Sd/- H.V.Visvesvarayya.

Secretary to Government,
Electrical Department.

ESP/6/4)

Memo No. EDS. 3728/Elcl 308-45-37

Dated, the Bangalore, 16th April 1949.

Copy of the above is forwarded with compliments to the Chief Electrical Engineer, for information.

By order,

Sd/- H.V.Visvesvarayya.

Secretary to Government,
Electrical Department.

Memo No. EDS. 3729/Elcl 308-45-37

Dated, the Bangalore, 16 April 1949.

Copy of the above is forwarded with compliments to the Chief Engineer for Irrigation, for information.

By order,

6.4.49

Secretary to Government,
Electrical Department.

Elec 308-45-38

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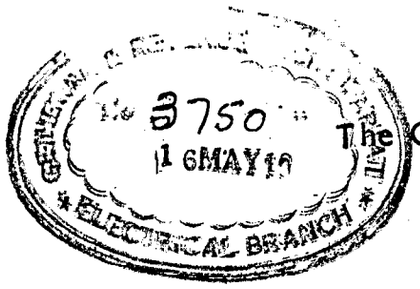

Office of
The Chief Engineer for Irrigation
in Mysore, Bangalore.

No. 2410/5

To

The Secretary to Government,
Electrical Department,
Bangalore.

Sir,

Re:- 1924 Agreement with Madras Government - sharing of Cauvery waters.

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1) In inviting reference to your No.EDS. 3727/Ele. 308-45-37 of 6-4-49, addressed to the Secretary to Government of Madras, P.W. Department, in the matter of generation of electric power by Madras Government near Moyar River, I write to state as under.

2) The 1924 Agreement in its clause No. (xi) states that the limitations and arrangements embodied in clauses (iv) to (viii) shall, at the expiry of fifty years, be open to reconsideration, and again under Cl. (xiv) para (2) that the surplus water anticipated, will be available for division between the two Governments, on the termination of the Agreement.

3) It is, therefore, clear that whenever the natural flow of the river is interfered with by either Government, the concerned Governments will have to be consulted and their consent obtained, to proceed with the respective projects.

4) It is seen from your letter adverted to in para (a) supra that the Civil Engineering Works on the wier and dam etc., in connection with the Moyar Electric Scheme, are being proceeded with, and that Mysore Government have not raised any objection to the Madras Government proceeding with the scheme, "subject to the condition that when the rights of this Government are established, the power generation will either be reduced to the extent permissible or pay such compensation as may be fixed for the utilisation of the portion of the water that rightly

rightly belongs to the Government of Mysore".

5) Further, Madras Government have since taken up the Bhavani Project and perhaps some other projects in the Cauvery Basin, and are also supplying water to Salem from the Mettur reservoir.

Mysore should under the circumstances, reserve their right of protest on the actions taken by Madras Government without consulting and apprising this Government. It may also be argued that Mysore can assert herself and institute similar projects on their side, without consulting Madras Government. Hence the Mysore Government has to lodge a protest. I request you to take immediate action.

6) It may perhaps not be out of place in this connection to mention, that with the unified control under the Central Government, proposed to come off shortly the several projects now lying under the jurisdiction of each Government, may be taken up by ~~consent~~ respective Governments, without waiting for the consent of the other Governments on the broad based principle that it is India that gets benefitted ultimately and not the individual States or Provinces. With this argument, it will perhaps be worthwhile that each project be considered on its own merits and started away, without the formalities of the agreement, sharing of water etc.

7) Further, as the surplus of water is to be determined for which share we are entitled to, by joint guaging has to be conducted for the next three to five years and before these proposed works for the Cauvery Basin in Madras are completed. I request you to immediately sanction the Sub Division to be stationed at Upper Anicut as requested in this office No.7054/E dated 25-3-48 and apprise Madras Government for conducting joint guagings. It is very necessary to have this proposal agreed to before June so that guaging may be conducted from July onwards.

Yours faithfully,

Chief Engineer for Irrigation.

ksr.

FINAL AGREEMENT

BETWEEN THE MYSORE AND THE MADRAS GOVERNMENTS

IN REGARD TO THE

CONSTRUCTION OF A DAM AND A RESERVOIR AT KRISHNARAJASAGARA

18th February 1924 and 17th June 1929.

AGREEMENT.

1. WHEREAS by an agreement, dated 18th February 1892, commonly known and cited as the 1892 agreement, entered into between the Government of His Highness the Maharaja of Mysore, hereinafter referred to as the Mysore Government and the Government of Madras, hereinafter referred to as the Madras Government, certain rules and schedules defining the limits within which no new irrigation works are to be constructed by the Mysore Government without previous reference to the Madras Government were framed and agreed to; and

2. WHEREAS under clause III of the said agreement the Mysore Government asked for the consent of the Madras Government to the construction of a dam and a reservoir across and on the river Cauvery at Kannambadi now known as the Krishnarajasagara dam and reservoir; and

3. WHEREAS a dispute arose as to the terms under which the Mysore Government were to construct the dam in the manner and form proposed by them; and

4. WHEREAS such dispute was referred to the arbitration of Sir H. D. Griffin who gave an award in the year 1914 as to the terms and conditions under which the Madras Government should consent to the construction of the said dam and reservoir; and

5. WHEREAS the Madras Government, after the said award of the said arbitrator was ratified by the Government of India, appealed to the Secretary of State for India who re-opened the question; and

6. WHEREAS thereupon the Mysore Government and the Madras Government with a view to an amicable settlement of the dispute entered into negotiations with each other; and

7. WHEREAS as the result of such negotiations, certain Rules of Regulation of the Krishnarajasagara Reservoir were framed and agreed to by the Chief Engineers of the Mysore and Madras Governments on the 26th day of July of the year 1921, such Rules of Regulation forming Annexure I to this agreement; and

8. WHEREAS thereafter the technical officers of the two Governments have met in conference and examined the question of extension of irrigation in their respective territories with a view to reaching an amicable arrangement; and

9. WHEREAS as the result of such examination and conference by the technical officers of the two Governments, certain points with respect to such extension were agreed to respectively by the Chief Engineer for Irrigation, Madras, and the Special Officer, Krishnarajasagara Works, at Bangalore, on the 14th day of September 1923, such points forming Annexure III to this agreement.

10. Now these presents witness that the Mysore Government and the Madras Government do hereby agree and bind themselves, their successors and representatives as follows:—

(i) The Mysore Government shall be entitled to construct and the Madras Government do hereby assent under clause III of the 1892 agreement to the Mysore Government constructing a dam and a reservoir across and on the river Cauvery at Kannambadi, now known as the Krishnarajasagara, such dam and reservoir to be of a storage capacity of not higher than 112 feet above the sill of the under-sluices now in existence corresponding to 124 feet above bed of the river before construction of the dam, and to be of the effective capacity of 44,827 m. c. ft., measured from

the sill of the irrigation sluices constructed at 60 feet level above the bed of the river up to the maximum height of 124 feet above the bed of the river; the level of the bed of the river before the construction of the reservoir being taken as 12 feet below the sill level of the existing undersluices; and such dam and reservoir to be in all respects as described in schedule forming Annexure II to this agreement.

(ii) The Mysore Government on their part hereby agree to regulate the discharge through and from the said reservoir strictly in accordance with the Rules of Regulation set forth in the Annexure I, which rules of Regulation shall be and form part of this agreement.

(iii) The Mysore Government hereby agree to furnish to the Madras Government within two years from the date of the present agreement dimensioned plans of anicuts and sluices or open heads at the off-takes of all existing irrigation channels having their source in the rivers Cauvery, Lakshmanathirtha and Hemavati, showing thereon in a distinctive colour all alterations that have been made subsequent to the year 1910, and further to furnish maps similarly showing the location of the areas irrigated by the said channels prior to or in the year 1910.

(iv) The Mysore Government on their part shall be at liberty to carry out future extensions of irrigation in Mysore under theCauvery and its tributaries to an extent now fixed at 110,000 acres. This extent of new irrigation of 110,000 acres shall be in addition to and irrespective of the extent of irrigation permissible under the Rules of Regulation forming Annexure I to this agreement, *viz.*, 125,000 acres *plus* the extension permissible under each of the existing channels to the extent of one-third of the area actually irrigated under such channel in or prior to 1910.

(v) The Madras Government on their part agree to limit the new area of irrigation under their Cauvery-Metur Project to 301,000 acres, and the capacity of the new reservoir at Metur, above the lowest irrigation sluice to ninety-three thousand five hundred million cubic feet.

Provided that, should scouring sluices be constructed in the Dam at a lower level than the irrigation sluice, the dates on which such scouring sluices are opened shall be communicated to the Mysore Government.

(vi) The Mysore Government and the Madras Government agree with reference to the provisions of clauses (iv) and (v) preceding, that each Government shall arrange to supply the other as soon after the close of each official or calendar year, as may be convenient, with returns of the areas newly brought under irrigation, and with the average monthly discharges at the main canal heads, as soon after the close of each month as may be convenient.

(vii) The Mysore Government on their part agree that extensions of irrigation in Mysore as specified in clause (iv) above shall he carried out only by means of reservoirs constructed on the Cauvery and its tributaries mentioned in Schedule A of the 1892 agreement. Such reservoirs may be of an effective capacity of 45,000 m. c. ft., in the aggregate and the impounding therein shall be so regulated as not to make any material diminution in supplies connoted by the gauges accepted in the Rules of Regulation for the Krishnarajasagara forming Annexure I to this agreement, it being understood that the rules for working such reservoirs shall be so framed as to reduce to within 5 per cent any loss during any impounding period, by the adoption of suitable proportion factors, impounding formula or such other means as may be settled at the time.

(viii) The Mysore Government further agree that full particulars and details of such reservoir schemes and of the impounding therein, shall be furnished to the Madras Government to enable them to satisfy themselves that the conditions in clause (vii) above will be fulfilled. Should there arise any difference of opinion between the Madras and Mysore Governments as to whether the said conditions are fulfilled in regard to any such scheme or schemes, both the Madras and Mysore Governments agree that such difference shall be settled in the manner provided in clause (xv) below.

(ix) The Mysore Government and the Madras Government agree that the reserve storage for power generation purposes now provided in the Krishnarajasagara may be utilized by the Mysore Government according to their convenience from any other Reservoir hereafter to be constructed, and the storage thus released from the Krishnarajasagara may be utilised for new irrigation within the extent of 110,000 acres provided for in clause (iv) above.

(x) Should the Mysore Government so decide to release the reserve storage for power generation purposes from the Krishnarajasagara, the working tables for the new reservoir from which the power water will then be utilized shall be framed after taking into consideration the conditions specified in clause (vii) above and the altered conditions of irrigation under the Krishnarajasagara.

(xi) The Mysore Government and the Madras Government further agree that the limitations and arrangements embodied in clauses (iv) to (viii) supra shall, at the expiry of fifty years from the date of the execution of these presents, be open to reconsideration in the light of the experience gained and of an examination of the possibilities of the further extension of irrigation within the territories of the respective Governments and to such modifications and additions as may be mutually agreed upon as the result of such reconsideration.

(xii) The Madras Government and the Mysore Government further agree that the limits of extension of irrigation specified in clauses (iv) and (v) above shall not preclude extensions of irrigation effected solely by improvement of duty, without any increase of the quantity of water used.

(xiii) Nothing herein agreed to or contained shall be deemed to qualify or limit in any manner the operation of the 1892 agreement in regard to matters other than those to which this agreement relates or to affect the rights of the Mysore Government to construct new irrigation works on the tributaries of the Cauvery in Mysore not included in Schedule A of the 1892 agreement.

(xiv) The Madras Government shall be at liberty to construct new irrigation works on the tributaries of the Cauvery in Madras and, should the Madras Government construct, on the Bhavani, Amaravati or Noyil rivers in Madras, any new storage reservoir, the Mysore Government shall be at liberty to construct, as an off-set, a storage reservoir, in addition to those referred to in clause (vii) of this agreement on one of the tributaries of the Cauvery in Mysore, of a capacity not exceeding 60 per cent of the new reservoir in Madras.

Provided that the impounding in such reservoirs shall not diminish or affect in any way the supplies to which the Madras Government and the Mysore Government respectively are entitled under this agreement, or the division of surplus water which, it is anticipated, will be available for division on the termination of this agreement as provided in clause (xi).

(xv) The Madras Government and the Mysore Government hereby agree that, if at any time there should arise any dispute between the Madras Government and the Mysore Government touching the interpretation or operation or carrying out of this agreement, such dispute shall be referred for settlement to arbitration, or if the parties so agree shall be submitted to the Government of India.

P. HAWKINS,
Secretary to Government,
Public Works Department,
Madras.

18th February 1924.

A. R. BANERJI,
Dewan of Mysore.

18th February 1924.

ANNEXURE I.

RULES OF REGULATION OF THE KRISHNARAJASAGARA RESERVOIR UNDER CONSTRUCTION ON THE CAUVERY IN THE MYSORE TERRITORY.

PREAMBLE.

The following rules of regulation of the Krishnarajasagara (formerly known and referred to, in the rules of regulation previously in force, as the Kannambadi reservoir) shall supersede *in toto* those forming part of the award, dated 21st April 1914, on term of reference 3(*a*) given by the Arbitrator appointed by the Government of India to arbitrate between the Madras and the Mysore Governments on the question of the storage of the waters of the river Cauvery within Mysore territory.

The rules, with the exception of Nos. 1 to 9 inclusive, 10 (except in so far as it relates to Kn.), 11, 12, 14 (ii), 15 to 17 inclusive, 22, 23, 26 (i), (iii) and (v), 27 to 30 inclusive and 32, shall be subject to amendment as may be desirable, subject to the conditions below :—

(*a*) The rules may be altered tentatively for one or two years, by agreement of both parties.

(*b*) At the end of the tentative period the amended rules may be confirmed by the consent of both parties.

(*c*) Subject to conditions (*a*) and (*b*) above, amendment of any rule shall not be a bar to further amendment or reversion to the original rules by consent of both parties.

I. RULES OF REGULATION, GENERAL.

1. The carrying out of these rules of regulation shall, in so far as they relate to the regulation of the Krishnarajasagara, be the duty of a Controlling Officer appointed by the Government of Mysore, and of a subordinate staff working under his orders.

2. The only discretion to be exercised by the Controlling Officer, in operating the rules of regulation shall be as to the means by which the water to be passed from the reservoir to the river shall be passed and such discretion shall be exercised in general accordance with the instructions of the Mysore Government.

3. The curves of discharge of all gauging places in the Mysore State shall be verified by gauging at intervals of three years. Cross-sections of the rivers at the gauging sites shall be taken twice a year, in the first fortnight in June and in the first fortnight of October. If a cross-section taken in June, at any gauging site, indicates a marked change in cross-sectional area, gauge for gauge, joint gaugings shall be made at once, on the request of either party, to verify the discharge curve for the station. Any modification in the curve, found necessary, shall not, however, be applied to regulation for the year in which the gaugings are made.

4. The verification of curves of discharge, referred to in rule 3 above, shall be made jointly by Mysore and Madras; and if such verification shows that modification is necessary such modification shall be made by mutual agreement.

5. All formulæ and co-efficients in such formulæ of discharge, referred to in the rules, shall be subject to revision by mutual agreement.

6. All quantities and readings of gauges to be telegraphed in accordance with these rules shall be expressed in words.

II. Limit Gauges and Discharges at the Upper Anicut.

7. The minimum flow of the Cauvery that must be ensured at the Upper Anicut before any impounding is made in the Krishnarajasagara, as connoted by the readings of the Cauvery Dam north gauge, shall be as follows:—

Month.	*Readings of the Cauvery Dam north gauge.*
June	Six and a half feet
July and August	Seven and a half feet.
September	Seven feet.
October	Six and a half feet.
November	Six feet.
December	Three and a half feet.
January	Three feet.

8. The discharges connoted by the gauge readings set forth in rule 7 shall, in the case of regulation during the irrigation season (*vide* rule 9) of 1921, be deduced from the average discharge curve derived from the joint gaugings of the Cauvery at the Cauvery Dam made in the four years ending 1920. The said discharges shall be revised, if necessary, after completion of the joint gaugings of 1921 and shall be used for the purpose of regulation for the five years ending 1926. The said discharges shall be finally revised and adopted for all subsequent regulation, at the conclusion of the joint gauging of the year 1926, on the basis of the joint gaugings of the ten years ending 1926.

9. The south-west monsoon shall, for the purpose of these rules, be considered to extend from the 1st June to the 30th September, both days inclusive, and the north-east monsoon from the 1st October to the 31st January, both days inclusive. The irrigation season shall be taken to extend from the 1st June to the 31st January, both days inclusive. All dates in this rule shall have reference to the Upper Anicut.

III. Impounding Formula.

10. Impounding in the Krishnarajasagara during the irrigation season shall be regulated in accordance with following formula:—

$$I = \frac{Kn}{P} - C, \text{ where}$$

I = Quantity that may be impounded,

Kn = Inflow at Krishnarajasagara, that is, the measured flow at the three 'standard' gauging stations at Chunchinkatte on the Cauvery, Akkihebbal on the Hemavati, and Unduvadi on the Lakshmanthirtha, to which shall be added allowances for—

(i) The yield from the catchment between the 'standard' gauging stations and the Krishnarajasagara calculated in accordance with paragraphs 61 and 62 of Colonel Ellis's Manual of Irrigation (1920 Edition) less the quantity of water required for tank irrigation in the tract in question. In the catchment, the discharges of the major streams shall be deduced, if feasible, from gauge readings by mutual agreement. The duty of water for the areas irrigated under tanks shall be taken as 40.

(ii) The drainage from the ayacuts of channels which drain back into the rivers below the 'standard' gauging stations, the quantity in cusecs of such drainage for a particular channel being taken to be 3/16 of the area irrigated in acres divided by 40.

C = Flow connoted by the gauge reading for the particular month concerned given in rule 7 above. The month at Krishnarajasagara corresponding to that at the Upper Anicut is to be taken as commencing and ending four days earlier than at the Upper Anicut.

P = The proportion which the natural flow in the Cauvery at the Krishnarajasagara bears to the corresponding natural flow at the Upper Anicut.

I, Kn and C to be expressed in the same units.

11. (i) Until the 31st January 1927 the values of 'P' in the formula in rule 10 shall be taken as ·625 during the south-west monsoon and ·300 during the north-east monsoon.

(ii) An examination of the effect of impounding in the Krishnarajasagara on the supplies realised at the Upper Anicut shall be made in the form and in accordance with the instructions given in Part II of the Appendix to these rules for each of the ten years ending with the irrigation season of 1926-27 to see whether the tentative factors of ·625 and ·300, provided in part (i) of this rule should be permanently adopted or whether they should be increased (*vide* instructions 25 and 26 of Part II of the Appendix). For the five irrigation seasons ending 1921-22, the average discharge curve for the Cauvery Dam north gauge, obtained from the gaugings of the five-year period ending and including 1921, shall be prepared and adopted for the examination. For subsequent years, the discharge curve of the year concerned shall be used. For the months for which it is found necessary, from the examination referred to above, to increase the values of 'P' such values shall be finally adopted and brought into use in lieu of those in part (i) of this rule at the beginning of the irrigation season 1927-28. For months when no increase in the value of 'P' is found to be necessary, the values given in part (i) of this rule shall be finally retained and brought into use at the beginning of the same irrigation season.

12. (i) The whole flow of the river at Krishnarajasagara may be impounded in the reservoir from the 28th January to the 27th of May, both days inclusive, but issues from the reservoir shall be made when necessary to maintain such a flow as will pass to Madras not less than 900 cusecs below Sivasamudram anicut.

(ii) Until the dam is completed to a height admitting of F. R. L. 98 feet above sill level of the existing low level sluices in the dam or until the 28th May 1931, whichever date is the earlier, as an alternative to part (i) of this rule impounding from the 28th January to the 24th February, both days inclusive, shall be in accordance with rules 7, 10 and 11 as far as they relate to the month of January, measurement being made at the Krishnarajasagara; and from the 25th February to the 27th May, both days inclusive, the whole flow at the Krishnarajasagara may be impounded, subject to a flow of 750 cusecs being maintained below Sivasamudram anicut. The Mysore Durbar may at any time before the year 1931 elect to regulate their reservoir as provided in part (i) of this rule, subject to notice being given to the Government of Madras before the 31st December of the year preceding that in which the rule will come into operation. In the event of the Mysore Durbar electing to regulate in accordance with part (i) of this rule no change shall be made thereafter.

IV. Gauge Reading and Inflow Computations.

13. (i) The standard gauges at the gauging stations on the three rivers above the Krishnarajasagara and the gauging station below the same shall be read three times daily, that is, 6 A.M., noon and 6 P.M.

(ii) All gauge readings shall be telephoned immediately after reading to the Controlling officer at the Krishnarajasagara.

14. (i) The computation of the inflow into the Krishnarajasagara shall be made by the said Controlling officer from the electric water level records of the three rivers above the Krishnarajasagara with due allowance for the yield from the intermediate catchment, such allowances being made as provided in rule 10. In the event of an electric recorder differing from the telephoned gauge readings, the latter shall be adopted for computing the inflow for the time being.

(ii) Until the 27th May 1923 the discharges at the standard gauging stations shall be computed from the average curves based on the discharge observations of the four years 1915-18. For the irrigation seasons 1923-24 to 1927-28, inclusive, the discharges at the standard gauging stations shall be computed on the previous season's curves. For irrigation

seasons subsequent to that of 1927-28, the discharges at the standard gauging stations shall be computed on the latest annual curves available.

(iii) In the event of an electric recorder differing from the telephoned gauge readings, the Controlling Officer shall, as soon as possible, proceed to the gauging station, check and, if possible, rectify the electric recorder. If the mechanical record is found to differ from the telephoned gauge readings and the mechanical recorder is registering accurately, a correction shall be made in the tentative inflow recorded in the regulation register in accordance with the mechanical record.

(iv) In the event of both recorders breaking down, the telephoned gauge readings shall be the basis of computation.

V. Allowance for Extension of Irrigation in Mysore after the Year 1910.

15. The area to which Mysore is entitled to extend irrigation, without passing compensation water to Madras, by improvement of duty in canals or channels, in existence prior to the year 1910, taking off from the following rivers in Mysore :—

(i) the Hemavathi,

(ii) the Lakshmanathirtha,

(iii) the Cauvery (above and below the reservoir) shall be limited to 1/3 of the existing area prior to the year 1910, the extension under each channel being considered separately.

16. In lieu of 9,274 acres of old irrigation to be submerged by the Krishnarajasagara with F. R. L. at 118 feet above bed of river or 106 feet above the sill of the low level sluices now in existence, Mysore shall be entitled to extend irrigation to an area of 12,500 acres, without passing compensation water to Madras, under canals or channels taking off from the Hemavathi, the Lakshmanathirtha or the Cauvery, constructed subsequent to the year 1910 and above the Krishnarajasagara. In the event of the Krishnarajasagara being constructed of such a capacity as to submerge less than 9, 274 acres, the permissible extension shall be reduced according to the area actually submerged and in the ratio of 12,500 to 9,274 and when a larger area is submerged owing to the capacity of the reservoir being increased to 44,827 millions cubic feet (F. R. L. 124 feet above bed of river or 112 feet above the sill of the low level sluices now in existence) the permissible extension shall be similarly increased in the same proportion on such larger area as may be actually submerged.

17. The quantity of water in cusecs due to Madras as compensation for water utilised by Mysore for the area in excess of that provided in rules 15 and 16 shall be calculated by dividing such excess area irrigated by 40.

VI. Computation of Issues.

18. The quantity of water to be passed to Madras shall be computed every 12 hours from the records of inflow of the previous 12 hours.

19. (1) For the purpose of orders for the regulation of the sluice shutters, the quantities of water to be passed through the sluices shall be computed by the application of the formula :—

$D = C. A. \sqrt{2gh}.$

D = Discharge in cusecs.

C = Co-efficient.

A = Height of shutter raised, multiplied by width of vent both in feet.

g = 32.

h = Effective head in feet.

Joint observations shall be made annually to determine the value of C until values covering the whole range of water level in the Krishnarajasagara have been determined by mutual agreement.

(iii) A suitable formula arrived at by mutual agreement for the discharge over the waste weir shall also be applied when details are known.

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20. The quantity of water actually passed down shall be verified by observation between the Krishnarajasagara and the Chikdevaroysagar anicut. The means of such verification shall be decided on by mutual agreement.

VII. Hot Weather Computation of Issues from the Krishnarajasagara.

21. From the 28th January to the 27th May, both days inclusive, when rule 12 (i) is in operation, or from the 25th February to the 27th May, both days inclusive, when rule 12 (ii) is in operation, the Controlling officer shall receive information from Sivasamudram at least twice daily of the flow during the previous 12 hours at Sivasamudram anicut and shall by occasional visits verify the same.

22. The quantity to be issued from the Krishnarajasagara shall be such quantity as will ensure the passing at Sivasamudram anicut of the quantity provided for in rule 12.

VIII. Regulation Register.

23. All regulation calculations and computations provided in any of the previous rules shall be recorded in a register called the 'Regulation register' and the orders for regulation which result from the computation shall also be recorded under the signature of the Controlling Officer.

IX. Regulation.

24. Regulation of sluices shall be made at twelve-hourly intervals, the times of commencement and completion of regulation being entered in the 'Regulation register.'

25. The Controlling Officer shall satisfy himself personally when the sluices are finally adjusted that the regulation has been accurately carried out in accordance with recorded orders and certify that he has done so in the 'Regulation register.' Under extraordinary circumstances only shall the sluices be manipulated other than at 12-hour intervals and in such cases full information regarding the reasons and necessity for this and the nature of the intermediate regulation shall at once be communicated by the Controlling Officer to each Government.

26. (i) Any deficit or excess in quantity due to Madras indicated by the verification provided in rule 20 or by the water level in the reservoir shall be adjusted in the next period of regulation.

(ii) A computed issue from the Reservoir in excess of that computed as due to Madras may be recouped by Mysore by subsequent regulation; if however the overissue was intentional, such recoupment shall be limited to 20 per cent of the computed issue due to Madras when the overissue was made; if the computed correct water level of the reservoir has been higher than the actual water level for each of the previous eight 12 hourly periods the actual water level, if below the computed correct water level, shall be taken as the correct water level whether the overissue was unintentional or intentional. The computed correct water level of the reservoir shall take account of actual issues for irrigation and losses due to evaporation.

(iii) The rates of evaporation shall be taken as given below until the end of the irrigation season 1924-25 :—

Month	Inches per month
June	5
July to February	4
March	5
April	7
May	8

After 1924-25 the rates for evaporation shall be determined as provided in instruction No. 7 of Part I of Appendix to these rules. These rates may be revised for final adoption in 1927 by mutual agreement.

(iv) In computing the issue to be passed to Madras through the undersluices or over the weir a deduction shall be made from the computed issue due to Madras of an amount equivalent to ⅛ of the issues to the two existing low level irrigation channels taking off from the reservoir subject to a maximum deduction of 25 cusecs. No deduction shall be made from the computed issue due to Madras for water issued from the reservoir for irrigation other than that for the channels specified above.

(v) If the information provided for in rule 21 shows that the quantity of water due to Madras under rule 12 is deficient, the regulation shall at once be altered to ensure the passing at Sivasamudram anicut of the quantity by which the flow has been deficient in the previous 12 hours plus the 900 or 750 cusecs, as the case may be, provided for in rule 12, and each special regulation shall be entered in the 'Regulation register' referred to in rule 23.

X. Discharge at Cauvery Dam during the period ending 31st January 1927.

27. The exact formula for determining the discharge through the Upper Anicut shall be as specified in instruction 18 of the Appendix to these rules.

28. All regulation operations at the Upper Anicut and all data for calculating the discharge through the Upper Anicut sluices and also all gauge readings at the Cauvery Dam shall be recorded daily in a register under the signature of a responsible officer.

XI. Inspection of Records by either Government.

29. The Controlling Officer at the Krishnarajasagara shall afford every facility for inspection of his registers, books, calculations, records of regulation and actual method of regulation and gauge readings and discharge measurements and for testing of instruments in his charge to any officer of the Madras Government appointed and authorised by that Government to make such inspection or tests on their behalf. The said Controlling Officer and duly accredited inspecting officer shall have full use of telephones, telegraphs or other means of communication installed in connection with the works.

30. The responsible officer at the Upper Anicut referred to in rule 29 shall afford the same facilities for inspection and testing up to the end of the irrigation season of 1926-27 as those provided for in rule 29, to any officer of the Mysore Government appointed and authorised by that Government to make such inspection or tests on their behalf.

XII. Miscellaneous.

31. The Controlling Officer at Krishnarajasagara shall make the following returns to each Government :—

(*a*) By post mail daily a copy of the entries made each day in the 'Regulation register' referred to in rules 23 to 26.

(*b*) By telegram daily or at such intervals as may be agreed on the quantity of inflow into and issue from the Krishnarajasagara during the previous 24 hours or during such intervals as may be agreed upon.

32. From the 1st June to the 31st January, both days inclusive, up to the 31st January 1927 a copy of the entries made each day in the register referred to in rule 28 shall be furnished to the Controlling Officer at the Krishnarajasagara by the Superintendent in charge of the Upper Anicut.

33. Photo copies of all diagrams of the self-recording instrument maintained by each Government shall be forwarded to the other Government monthly.

Such diagrams shall not be required from the Madras Government after the 31st January 1927.

A. H. MORIN, Colonel,
Chief Engineer for Irrigation, Madras.

26th July 1921.

S. CADAMBI,
Chief Engineer, Mysore P. W. D.

26th July 1921.

APPENDIX TO THE RULES OF REGULATION.

Instructions for the preparation of working tables of (i) Impounding in the Krishnarajasagara and (ii) Aganda Cauvery discharges for making the examination referred to in rule 11 (ii) of the Rules of Regulation.

The period covered by the working tables and the examination of the effect of the Krishnarajasagara on supplies due to Madras at the Upper Anicut shall be from the 1st June 1917 to the 31st January 1927. Of these, the Krishnarajasagara working tables will be made in sample Form A for each year during the ten-year period; and the Cauvery Dam discharge tables will be made in sample Form B for only such periods when there is any impounding in the Krishnarajasagara as shown in sample Form A.

PART I.

KRISHNARAJASAGARA WORKING TABLES.

(Vide *sample Form A.*)

The full effective capacity of the reservoir is to be taken as that connoted by the full reservoir level at 112 feet above sill level of the existing undersluices (124 feet above bed of the river before the construction of the dam), namely 44,827 millions cubic feet. The actual balance as obtained from the previous year's working tables or 5,000 millions cubic feet, whichever is the greater, should be taken as the starting balance on the 28th May of each year.

The balance on the 28th May 1917 should be that obtained from working tables of the year 1916 or 5,000 millions cubic feet, whichever is the greater, and the opening balance on the 28th May 1916 should be taken as 5,000 millions cubic feet.

2. *Column (1).*—The twelve-hourly period to be that ending 6 A.M. or 6 P.M.

3. *Column (2).*—The flow into the reservoir to be the measured flow at the three 'standard' gauging stations plus an allowance for the yield from the intermediate catchment; that is, 'Kn' in rule 10 of the Rules of Regulation computed from the readings provided in rule 13 (i) of the Rules of Regulation. From June 1916 to June 1922 the curves of discharge for the standard gauging stations above the reservoir shall be the average curves based on the discharge observations of the four years 1915 to 1918. From 1922 to 1926, both years inclusive, gaugings shall be made at the three standard gauging stations and the annual discharge curves obtained shall be used for the years concerned.

4. *Column (3).*—Regulation to be assumed to have been made in accordance with the Rules of Regulation for the whole period of eleven years and the quantity that may be impounded so derived to be entered in this column for each twelve-hourly period, the working tables in this form for 1916 being intended only for arriving at the starting balance in the reservoir on 28th May 1917.

The value of C in the impounding formula to be obtained from the curve used for arriving at the discharges at the Upper Anicut for the respective years—*vide* rule 11 (ii).

5. *Columns (4) and (5).*—The average draw-off in millions cubic feet for each twelve-hourly period for irrigation to be taken as follows for entry in columns (4) and (5).—

Month.	Monsoon crop.	Perennial crop.
June, first-half	....	27
June, second-half	51·5	27
July to November	51·5	27
December	34·5	27
January, first-half	25·7	27
January, second-half	....	27
February to end of May	....	27

6. *Column (6).*—The issues for power to be those actually recorded but subject to a minimum of 900 cusecs measured at Sivasamudram during the period 28th January to 27th May, both days inclusive, and entered in this column.

7. *Column (7)*—The allowances for evaporation to be determined for each month by mutual agreement after making joint observations during the three irrigation seasons ending and including 1924-25, quantities being deduced on the opening balance of the reservoir every day at 6 A.M. and 6 P.M.

8. *Column (8)*—Instruction in heading to be followed.

9. *Column (9)*—Instruction in heading to be followed.

10. *Column (10)*—Balance of previous twelve-hourly period plus column (9) or 44,827 millions cubic feet, whichever is less, to be entered in this column.

11. *Column (11)*—Any excess of the algebraic sum of the quantity in column (9) and that for the previous twelve-hourly period in column (10) over 44,827 millions cubic feet, to be entered in this column.

12. *Column (12)*—Instruction in the heading to be followed.

A. H. MORIN, COLONEL,
Chief Engineer for Irrigation, Madras.

26th July 1921.

S. CADAMBI,
Chief Engineer, Mysore P.W.D.

26th July 1921.

SAMPLE FORM 'A.'

Quantity of the natural flow of the Cauvery impounded in the Krishnarajasagara.

(All quantities in millions cubic feet.)

Twelve-hourly period ending		Flow into the Krishnarajasagara	Quantity that may be impounded	Draw off				Total draw off (columns 4+5+6+7)	Net quantity that may be impounded (column 3–column 8)	Balance in reservoir	Surplus from reservoir	Quantity impounded in the Krishnarajasagara (column 3–column 11)	Remarks
Date	Hour			Monsoon crop	Perennial crop	Power	Evaporation						
(1-a)	(1-b)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)

PART II.

AGANDA CAUVERY DISCHARGE TABLES.

(Vide *Sample Form 'B.'*)

13. The examination of the effect of impounding in the Krishnarajasagara to be made in sample form B. Entries will only be made in this table for actual impounding periods of six consecutive twelve-hourly periods and over as exhibited in sample form A.

14. *Column (1)*—The number to refer to the whole impounding period.

15. *Column (2)*—The entry in this column to refer only to dates of an impounding period shown in sample form A and not to date in column (3). For the purpose of this examination the impounding period will be taken to include any interval up to and including six twelve-hourly

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periods between actual impounding period and the succeeding actual impounding period as defined in instruction 13 above.

16. *Column (3)*—The date and hour of the first entry of an impounding period made in this column to be those 24 hours prior to the end of the first twelve-hourly period of impounding shown in sample form A. The date and hour of the last entry of an impounding period to be those 48 hours after the last twelve-hourly period of impounding shown in sample form A, as determined by instruction 15 above.

17. *Column (4)*—The time for transmission from the Krishnarajasagara to the Upper Anicut shall be taken as the average indicated by a comparison of such peak guage readings of the Chikdevaroysagar and Upper Anicuts as are available up to the end of 1921, fractions of a twelve-hourly period less than six hours in the average result being neglected and those greater than six hours being taken as one twelve-hourly period. Only peak gauges from half a foot below the limits in Rule 7 of the Rules of Regulation up to 9 feet in the south-west monsoon and 7½ feet in the north-east monsoon to be taken into account. Separate averages to be deduced for the south-west and north-east monsoons.

18. *Column* (5)—The total discharge in the Aganda Cauvery (*a*) and (*b*) below to be calculated from the records of the automatic water level recorder, if the readings of the gauge made at 6 A.M., noon and 6 P.M. show the recorder to have registered accurately, otherwise the readings of the gauges made at 6 A.M., noon and 6 P.M. to be used and the discharges averaged for each twelve-hourly period.

(*a*) The discharge of the Cauvery shall be that given by the discharge curves for the Cauvery Dam gauge provided in Rule 11 (ii) of the Rules of Regulation.

(*b*) The discharge through the Upper Anicut regulators to be calculated as laid down in paragraph 13 of Part II of Volume III of 'Papers regarding the Cauvery Reservoir Project' (pages 7 and 8) account being taken of any intermediate regulation.

19. *Column (6) (a)*—The quantity to be entered in this column is that due to the actual rise in the reservoir, as shown from the Regulation records, plus the loss due to evaporation, plus the recorded issue for irrigation after making the deduction provided for in Rule 26 (iv) of the Rules of Regulation.

Column (6) (b)—The quantity to be entered in this column is that due to the actual fall in the reservoir, as shown from the Regulation records, minus the loss due to evaporation, minus the recorded issue for irrigation after adding the deduction provided for in rule 26 (iv) of the Rules of Regulation.

20. *Column (7)*—A percentage allowance, if decided to be necessary to be made for loss in transmission between the Krishnarajasagara and the Upper Anicut. This allowance to be settled by mutual agreement in June 1926 after further examination of the subject and any joint observations made to determine it; in the event of disagreement the case to be referred to the Government of India for final decision. Figures corresponding to column (6) (*a*) will be a plus entry in this column and those corresponding to column (6) (*b*) a minus entry.

21. *Column (8)*—Instruction in heading to be followed.

22. *Column (9)*—The quantity due to Madras in any twelve-hourly period to be the whole natural flow of the Aganda Cauvery or the discharge connoted by the gauge-readings in rule 7 of the Rules of Regulation obtained from the discharge curves referred to in Rule 11 (ii) of the Rules of Regulation, whichever is less.

23. *Columns (10), (12), (13) and (14)*—Instructions in headings to be followed.

24. *Column (11)*—See instruction 20 above.

25. The several periods in column (1) should be sorted out against the several months showing against each month the percentage of deficit obtained in column (14). If the actual impounding period extends over

portions of two months as noted in column (2), then the resulting percentage in column (14) to be counted against both the months.

26. After thus sorting out the periods for all the ten years against the several months, the resulting deficit in excess of 5 per cent is to be neglected if it happens in only one period of examination relating to a particular month. If it happens in more than one period the proportion factor is to be increased so as to reduce the number of such deficit periods to one only in any month.

A. H. MORIN, COLONEL,
Chief Engineer for Irrigation, Madras.

26th July 1921.

S. CADAMBI,
Chief Engineer, Mysore P. W. D.

26th July 1921.

SAMPLE FORM B.

(All quantities in millions cubic feet.)

Serial number	Month or months affected by impounding in the Krishnarajasagara	Twelve-hourly period ending		Natural flow in the Aganda Cauvery								Flow in the Aganda Cauvery after impounding in the Krishnarajasagara for the whole impounding period			Effect of impounding in the Krishnarajasagara with tentative values of "P" on the natural flow of the Aganda Cauvery due to Madras under the terms of settlement	
		Date	Hour	Twelve-hourly period affected by impounding after allowing for time in transmission from the Krishnarajasagara		Actual discharge of the Aganda Cauvery for the twelve-hourly period in column (4)	Increase in storage in the Krishnarajasagara as given by actual levels+actual loss by evaporation+actual draw off for irrigation—1/8 of actual draw off for irrigation limited to 25 cusecs	Decrease in storage in the Krishnarajasagara as given by actual levels—actual loss by evaporation—actual draw off for irrigation+1/8 of actual draw off for irrigation limited to 25 cusecs	Equivalent of quantity in column 6(a) or 6(b) at the Upper Anicut after allowing for loss in transmission with +or—as the case may be	Natural flow in the Aganda Cauvery for the twelve-hourly period in column 4 [the algebraic sum of columns (5) and (7)]	Quantity of natural flow in column (8) due to Madras; either limited flow or the quantity in column (8) whichever is less	Quantity impounded in the Krishnarajasagara for the whole period given in column (3) corresponding to the number in column (1). [From column (12) of sample form A]	Equivalent of quantity in column (10) at the Upper Anicut after allowing for loss in transmission	Resulting flow in the Aganda Cauvery after impounding for the whole period given in column (4) corresponding to the number in column (1) [Total column (8) —column (11)]	Deficiency of resulting flow in column (12) on total quantity in column (9). [Total column (9) column (12)]	Percentage of deficiency in column (13) on total quantity in Col. (9) $\frac{\text{Col. (13)}}{\text{Total Col. (9)}} \times 100$
		Date	Ending hour													
(1)	(2)	(3-a)	(3-b)	(4-a)	(4-b)	(5)	(6-a)	(6-b)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)

P. HAWKINS,
Secretary to Government;
Public Works Department, Madras.

18th February 1924.

A. R. BANERJI,
Dewan of Mysore.

18th February 1924.

ANNEXURE II.

The construction of a masonry dam and reservoir on the Cauvery river,—now known as the Krishnarajasagara,—at Kannambadi, 8 miles west of Seringapatam, north latitude 12° 33′ 20″ and east longitude 76° 37′ 15″; such dam and reservoir to be of a storage capacity, not higher than 112 feet above the sill of the undersluices constructed in the body of the dam across the old river-bed portion, corresponding to 124 feet above the bed of the river before the construction of the dam; such reservoir to be of an effective capacity of 44,827 m.c.ft., measured from the sill of

98

the irrigation sluices constructed at 60 feet level above the bed of the river up to the maximum height of 124 feet above the said bed of the river. (Note that the level of the bed of the river before the construction of the dam is taken as 12 feet below the sill level of the said under-sluices.) Subject to the above specified modifications in regard to the maximum height of water stored, and the effective capacity, such dam and reservoir to be constructed in accordance with the design accompanying the Project Report furnished with the Dewan of Mysore's demi-official letter No. 2311, dated 16th May 1911.

P. HAWKINS,
Secretary to Government,
Public Works Department, Madras.

18th February 1924.

18th February 1924.

A. R. BANERJI,
Dewan of Mysore.

ANNEXURE III.

Points agreed to at the Conference between the Chief Engineers of the Madras and Mysore Governments regarding the Cauvery dispute.

The technical agreement of the Krishnarajasagara, come to in 1921 between the Chief Engineers of the two Governments, will be taken as finally settled subject to the alterations in rules 15 and 17 now agreed to as shown in Appendix I, and the Krishnarajasagara question also settled according to that agreement.

2. The extent of future extension of irrigation in Mysore under the Cauvery and its tributaries mentioned in Schedule A of the 1892 Agreement shall be fixed at 110,000 acres, and Madras shall have their Cauvery-Metur Project as revised in 1921 with their new area of irrigation fixed at 301,000 acres, as specified in paragraph 11, page 4 of the Project Report (1921), Volume V.

3. Such extensions of future irrigation in Mysore will be carried out only by means of reservoirs on the Cauvery and its tributaries mentioned in Schedule A of the 1892 Agreement. Such reservoirs may be of an effective capacity of 45,000 millions cubic feet in the aggregate; and the impounding therein shall be so adjusted as not to make any material diminution of the supplies connoted by the gauges accepted in the technical agreement for the Krishnarajasagara, it being understood that the rules for the working of such reservoirs shall be so framed as to reduce to within 5 per cent, any loss during any impounding period in excess of 5 per cent by the adoption of suitable proportion factors, impounding formula, or other means that may be settled at the time.

4. Full particulars and details of such reservoir schemes shall be furnished to the Madras Government to enable them to satisfy themselves that the conditions in paragraph 3 above will be fulfilled. If there arise any difference of opinion between the Madras and Mysore Governments regarding any scheme sent by the Mysore Government, the matter shall be settled in accordance with clause IV of the 1892 Agreement.

5. The reserve storage for power generation purposes now allowed in the Krishnarajasagara may be utilized from any other reservoir, according to the convenience of Mysore; and the storage released from the Krishnarajasagara may be utilized for irrigation within the extent of 110,000 acres noted above. In that case, the working tables of the new reservoir from which power water will be utilized, will be framed after taking into consideration the conditions specified in paragraph 3 above and the altered conditions of irrigation under the Krishnarajasagara.

99

6. It is suggested that the present limitation in regard to the extension of new irrigation as in paragraph 2 above shall hold good for a period of 50 years; at the end of that period it may be subject to reconsideration.

A. V. RAMALINGA AYYAR,
Chief Engineer for Irrigation, Madras.

14th September 1923.

S. CADAMBI,
Special Officer, Krishnarajasagara Works.

14th September 1923.

APPENDIX I.

Alterations in rules 15 and 17 of the Technical Agreement of 1921.

Rule 15.—After the words 'the year 1910' at the end of the rule, *add* the words 'the extension under each channel being considered separately.'

Rule 17.—In line 1 after the words 'The quantity of water,' *add* the words 'in cusecs.'

P. HAWKINS,
Secretary to Government,
Public Works Department, Madras.

18th February 1924.

A. R. BANERJI,
Dewan of Mysore.

18th February 1924.

10-0

AGREEMENT.

WHEREAS on the 18th February 1924 an agreement between the GOVERNMENTS OF MYSORE and MADRAS was signed and whereas by clause 10 (2) of the said agreement, the Mysore Government agreed to regulate the discharges through and from the Krishnarajasagara reservoir strictly in accordance with the Rules of Regulation being Annexure I to the said agreement and

WHEREAS disputes had arisen between the two Governments in regard to the interpretation, operation and carrying out of Rules 7 and 8 of the said Rules of Regulation and

WHEREAS both the Governments have submitted the matters in dispute to the Arbitration of the Honourable Mr. Justice Page with Messrs. Howley and Forbes as assessors.

Now the two Governments have agreed in lieu of an award in that behalf to adopt finally for all Regulation subsequent to 1st July 1929 the following discharges for the respective months in place of the averages referred to in clause 8 of Annexure I :—

June for 6½ feet gauge	...	29,800	cusecs
July and August for 7½ feet gauge	...	40,100	,,
September for 7 feet gauge	...	35,000	,,
October for 6½ feet gauge	...	29,800	,,
November for 6 feet gauge	...	25,033	,,
December for 3½ feet gauge	...	8,913	,,
January for 3 feet gauge	...	6,170	,,

and in rule 10, defining the impounding formula, C will denote the said abovementioned discharges.

THIS agreement is without prejudice to the other questions outstanding between the parties in regard to the clauses of the Agreement other than clauses 7 and 8 of the rules of Regulation.

17th June 1929.

(Sd.) R. RANGA RAO,
Offg. *Chief Secretary to the Government of Mysore.*

(Sd.) A. J. LEACH,
Secretary to the Government, Public Works and Labour Departments, Madras.

WD 1864—GPB—200—8-6-36.

G. R. S. App. F. G. 3.

GENERAL AND REVENUE SECRETARIAT.

(*Continuation sheet draft form*).

101

No EDS 113 / Elec 308-45-37

Copy of letter Rakc

Subject :- Electricity - Generation of electric power by the Govt. of Madras near Hogar Rock.

To

The Secy, Bangalore

Sir,

In continuation of this office Memo No. EDS. 3728/Elect. 308-45-37 dated the 16th April 1949 on the above subject, I am directed to forward herewith a copy of letter No. 2410/S dated the 9th May 1949 received from the Govt. for Irrigation and to request you kindly to furnish your remarks thereon.

Yours faithfully,

for

Secretary to Govt.

WD 03697—GPB—30,000—2-2-40

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE. 16

General and Revenue Secretariat,

No. EDS 113 | Elect 308-45-39 *Dated, Bangalore* 13th July *194* 9.

Copy of letter.

FROM

The Secretary to the Government of His Highness
the Maharaja of Mysore.
Electrical Department, BANGALORE.

To

The Chief Electrical Engineer
to the Government of Mysore,
Bangalore.

SIR,

Subject:- Electricity - Generation of electric power by the Government of Madras near Moyar river.

In continuation of this office Memo No.EDS.3728/Elec 308-45-37 dated the 16th April 1949 on the above subject, I am directed to forward herewith a copy of letter No.2410/S dated the 9th May 1949 received from the Chief Engineer for Irrigation and to request you kindly to furnish your remarks thereon.

Yours faithfully,

for Secretary to Government,
Electrical Department.

MKR/2

Letter No.2410/S dated the 9th May 1949 from the Chief Engineer for Irrigation in Mysore, Bangalore, addressed to the Secretary to Government, Electrical Department, Bangalore.

Re:- 1924 Agreement with Madras Government - sharing of Cauvery waters.

In inviting reference to your No.EDS. 3727/Ele. 308-45-37 of 6th April 1949, addressed to the Secretary to Government of Madras, Public Works Department, in the matter of generation of electric power by Madras Government near Moyar River, I write to state as under:-

2. The 1924 Agreement in its clause No. (xi) states that the limitations and arrangements embodied in clauses (iv) to (viii) shall, at the expiry of fifty years, be open to reconsideration, and again under Cl. (xiv) para (2) that the surplus water anticipated, will be available for division between the two Governments, on the termination of the Agreement.

3. It is, therefore, clear that whenever the natural flow of the river is interfered with by either Government, the concerned Governments will have to be consulted and their consent obtained, to proceed with the respective projects.

4. It is seen from your letter adverted to in para (a) supra that the Civil Engineering Works on the wier and dam etc., in connection with the Moyar Electric Scheme, are being proceeded with, and that Mysore Government have not raised any objection to the Madras Government proceeding with the scheme, "subject to the condition that when the rights of this Government are established, the power generation will either be reduced to the extent permissible or pay such compensation as may be fixed for the utilisation of the portion of the water that rightly belongs to the Government of Mysore".

5. Further, Madras Government have since taken up the Bhavani Project and perhaps some other projects in the Cauvery Basin, and are also supplying water to Salem from the Mettur reservoir.

P.T.O.

104

Mysore should under the circumstances, reserve their right of protest on the actions taken by Madras Government without consulting and apprising this Government. It may also be argued that Mysore can assert herself and institute similar projects on their side, without consulting Madras Government. Hence the Mysore Government has to lodge a protest. I request you to take immediate action.

6. It may perhaps not be out of place in this connection to mention, that with the unified control under the Central Government, proposed to come off shortly the several projects now lying under the jurisdiction of each Government, may be taken up by respective Governments, without waiting for the consent of the other Governments on the broad based principle that it is India that gets benefitted ultimately and not the individual States or Provinces. With this argument, it will perhaps be worthwhile that each project be considered on its own merits and started away, without the formalities of the agreement, sharing of water etc.

7. Further, as the surplus of water is to be determined for which share we are entitled to, by-joint guaging has to be conducted for the next three to five years and before these proposed works for the Cauvery Basin in Madras are completed. I request you to immediately sanction the Sub Division to be stationed at Upper Anicut as requested in this office No.7054/ E dated the 25th March 1948 and apprise Madras Government for conducting joint guagings. It is very necessary to have this proposal agreed to before June so that guaging may be conducted from July onwards.

"Copy."

B/c

for Secretary to Government,
Electrical Department.

MKR/2

Elecl 308—45—40. 105

Telephone No. 2110.
IN REPLY REFER TO
No. 221/
Enclo.
TELEGRAPHIC ADDRESS:
"GOMED"

CODES USED
BENTLEY'S-LIEBER'S
A. B. C. 6th EDITION
BUSINESS TELEGRAPH CODE.

GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER

Bangalore, 14 July, 19 49.
(MYSORE S. INDIA.)

GENERAL & REVENUE SECRETARIAT
No 141
15JUL49
ELECTRICAL BRANCH

To
The Secretary to Government
of H.H. the Maharaja of Mysore,
Electrical Department,
BANGALORE.

Sir,

Electricity - Generation of electric power by the Government of Madras near Moyar River.

With reference to your letter No.EDS.113/Elecl.308-45-39 dated 13th July 1949, forwarding a copy of the letter of the Chief Engineer for Irrigation in Mysore, Bangalore, on the above subject, I have the honour to state that your letter No.EDS.3727/Elecl.308-45-37 dated 6th April 1949, addressed to the Secretary to Government of Madras, Public Works Department, with regard to Generation of Electric Power by Madras Government near Moyar River may be considered as an adequate protest against the action taken by them.

I am not personally aware of the works undertaken by the Government of Madras, such as Bhavani Project and other projects in the Cauvery Basin. Obviously these projects are being taken by the Government of Madras to reduce surplus water over the upper anicut which is to be shared between the two governments.

I agree with the Chief Engineer for Irrigation that the Government of Madras must be urged to take joint gaugings at the upper anicut immediately in order to determine the surplus discharge.

With regard to the other projects within the Mysore State, I feel that these must be taken up one after the other, as early as possible, after apprising the Government of Madras in this behalf

Yours faithfully,

MH/SRS-

Chief Electrical Engineer.

141.

Ebl 308/45-41

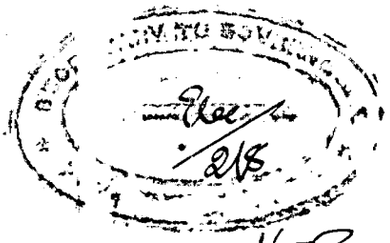
106

GOVERNMENT OF MADRAS.

Public Works Department.

***

Letter No.3970E/S/46-24



From

T.A. Varghese, Esq., I.C.S.,
Secretary to Government.

To

The Chief Secretary to the Government of Mysore,
Bangalore.

Dated, Fort Saint George, the 29th July 1949.

Sir,

Sub:- Electricity - Generation of electric power by the Government of Madras near Moyar river.

Ref:- Mysore Government's letter No.EDS 3727/Elecl.308/45-37 dated 6-4-1949.

I am directed to invite attention to this Government's letters No. 4364-E/45-2 dated 16-11-1945 and No.3970-E/46-6 dated 9-1-1947 and to reiterate that it is the considered view of this Government that no irrigation or other rights of Mysore Government would be adversely affected by the Moyar Scheme. This Government have no doubt that the diversion of water to the Moyar Power House effected in their territory is within the share which the Madras Government are entitled to in the boundary stretch of the river. If the Mysore Government still desire to measure the flow at the boundary, I am to state that this Government will have no objection. If any joint gauging is desired the estimates may kindly be forwarded to this Government as a preliminary to the undertaking of the work.

Yours faithfully,

for Secretary to Government.

mk.30.7

Letter No.3970E/8/46-24 dated the 29th July 1949 from the Secretary to Government of Madras, Public Works Department, Madras, addressed to the Chief Secretary to the Government of Mysore, Bangalore.

Sub:- Electricity - Generation of electric power by the Government of Madras near Moyar river.

Ref:- Mysore Government's letter No.EDS.3727/Elecl.308/45-37 dated the 6th April 1949.

I am directed to invite attention to this Government's letters No.4364-E/45-2 dated the 16th November 1945 and No.3970-E/46-6 dated the 9th January 1947 and to reiterate that it is the considered view of this Government that no irrigation or other rights of Mysore Government would be adversely affected by the Moyar Scheme. This Government have no doubt that the diversion of water to the Moyar Power House effected in their territory is within the share which the Madras Government are entitled to in the boundary stretch of the river. If the Mysore Government still desire to measure the flow at the boundary, I am to state that this Government will have no objection. If any joint gauging is desired the estimates may kindly be forwarded to this Government as a preliminary to the undertaking of the work.

Memo No.E.D.S. 843-44/Elecl 308-45-42 Dated 2nd September August 1949.

Copy of the above is forwarded with compliments to the Chief Electrical Engineer for information and report in consultation with Chief Engineer for Irrigation.

By Order,

Sd/- H.V.Visvesvarayya.

Secretary to Government,
Electrical Department.

Memo No.E.D.S. 843-44/Elecl 308-45-42 Dated 2nd September August 1949.

Copy of the above is forwarded with compliments to the Chief Engineer for Irrigation for information and report.

By Order,

9c Bom 2578
for Secretary to Government,
Electrical Department.

MKR/3

Elecl 308-45-43

108

TELEPHONE No. 2110.

IN REPLY REFER TO No. 13083. ENCLD.

TELEGRAPHIC ADDRESS: "GOMED"

CODES USED
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE

GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER

Camp Mysore, Bangalore (MYSORE, S. INDIA) 25th Septr: 1949.

26.

GENERAL & REVENUE SECRETARIAT BRANCH No. 1086 8 SEP

SECRETARY TO GOVERNMENT Date Elec 27/9

27.9.49

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

Sir,

Subject:- Electricity - Generation of electric power by the Govt. of Madras near Moyar river.

With reference to your Memo No. EDS. 843-44/Elecl. 308-45-42 dated the 2nd instant, forwarding a copy of the letter received from the Secretary to Govt. of Madras, PWD, Madras, addressed to the Chief Secretary to the Govt. of Mysore, I have the honour to state that joint gauging is essential to determine as to how the rights of Mysore have been affected by the diversion of the water of Moyar river by the Govt. of Madras to the Moyar Power House. Therefore the Chief Engineer for Irrigation in Mysore may kindly be directed to arrange for the joint gauging in this behalf.

Yours faithfully,

Chief Electrical Engineer.

MH-CSC.

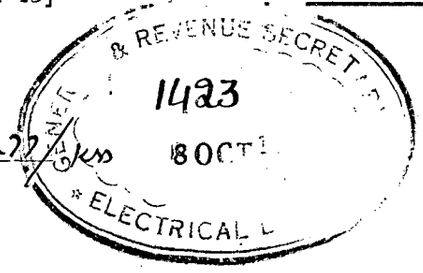
1056

Elec. 308-45-44

9

C. F [illegible]. 45] **GOVERNMENT OF MYSORE**

Tele gram / phone



No. 12277/5KS

Encls.

OFFICE OF
The Chief Engineer for Irrigation
in Mysore, Bangalore.

Date 15.10.49

To

The Secretary to Government,
Electrical Department, Bangalore.

Sir,

Dom 18/10

Generation of electric power by the Govt. of Madras near Moyar river.

With reference to your memo No. EDS. 843-44/Elec. 308-45-44 dated 2nd September 1949 forwarding for report a copy of letter No. 3970 E/S/46-24 dated 29th July 1949 from the Secretary to Government, P.W.D. Madras, to the address of the Chief Secretary to the Government of Mysore, Bangalore, on the above subject, I write to invite kind reference to my letter No. 2410/S dated 9-5-49 submitting a detail report relating to this subject.

I request that sanction of Government may kindly be communicated very early for the formation of a Sub Division for conducting the joint gaugings as already sought for in this office No. 2410/S dated 9.5.49

A separate estimate however for conducting joint gaugings at the border, to assess the flow at the border and the flow diverted for a period of three years, will be got up and forwarded in due course.

Yours faithfully,
14 10 49
Chief Engineer for Irrigation

Appendix F G—1] No. 4

SUBJECT Generation of electric power by the Govt. of Madras near Mayavaram

Section Elec

File No. 308—45

Serial No. 45

Diary No. of letter replied to

No. EDS 2675

To

The Secretary to Govt
P.W.D.
Fort St. George.
Madras.

General and Revenue Secretariat

( )

the *194* .

Date of issue 17-12-1949

Signed by Sr. AS.

Sir,

With reference to your letter No. 3970 E/5/46-2.4 dated the 29th July 1949 on the above subject, I am directed to state that the Govt. of Mysore desire that a joint gauging may be conducted and that the estimate for this would be forwarded for ~~sent~~ for Govt. thereafter

List of enclosures /

Copied by

Examined by